AMAC
Accessibility for All

DT Trainer – A Virtual Teaching Assistant in your Classroom

Karl Smith, Accelerations Educational Software
Pat Satterfield, Center 4 AT Excellence/ GATFL

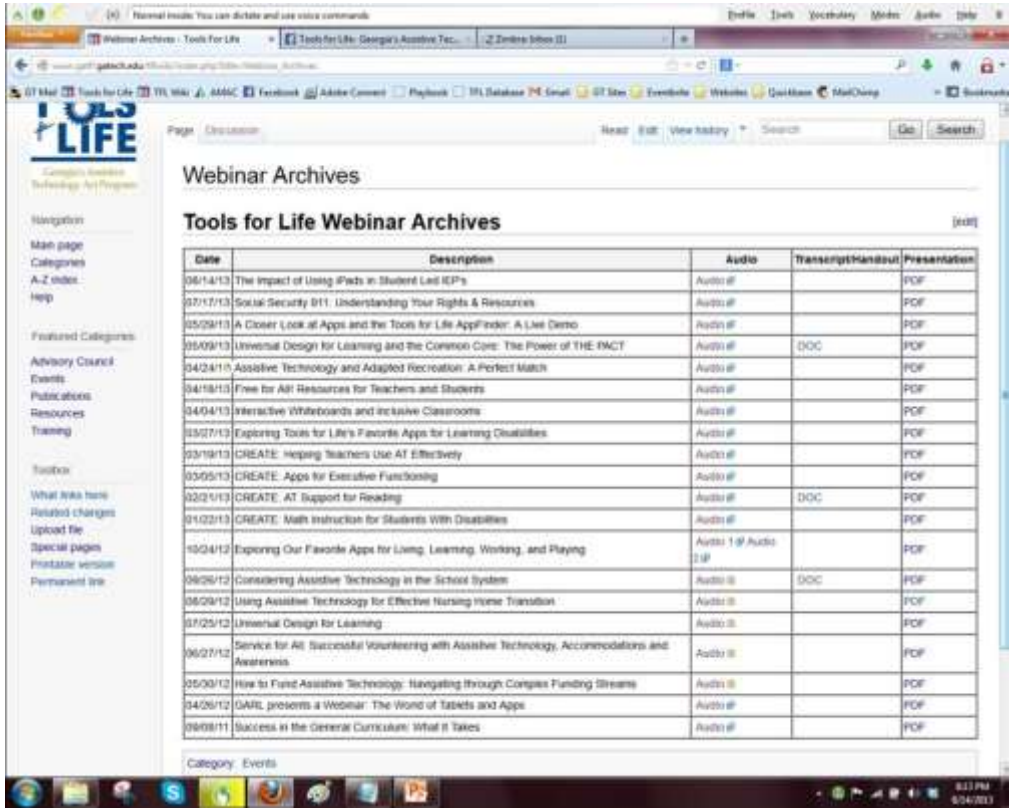
TOOLS for LIFE
Georgia's Assistive Technology Act Program

C4ATX
Center4ATExcellence

www.amacusg.org

This Session is being Recorded

AMAC
Accessibility for All



Webinar Archives

Tools for Life Webinar Archives

Date	Description	Audio	Transcript/Handout	Presentation
06/14/13	The Impact of Using iPads in Student Led IEP's	Audio		PDF
07/17/13	Social Security 911: Understanding Your Rights & Resources	Audio		PDF
05/29/13	A Closer Look at Apps and the Tools for Life AppFinder: A Live Demo	Audio		PDF
05/09/13	Universal Design for Learning and the Common Core: The Power of THE PACT	Audio	DOC	PDF
04/24/13	Assistive Technology and Adapted Recreation: A Perfect Match	Audio		PDF
04/18/13	Free for All! Resources for Teachers and Students	Audio		PDF
04/04/13	Interactive Whiteboards and Inclusive Classrooms	Audio		PDF
03/27/13	Exploring Tools for Life's Favorite Apps for Learning Disabilities	Audio		PDF
03/19/13	CREATE: Helping Teachers Use AT Effectively	Audio		PDF
03/05/13	CREATE: Apps for Executive Functioning	Audio		PDF
02/21/13	CREATE: AT Support for Reading	Audio	DOC	PDF
01/22/13	CREATE: Math Instruction for Students With Disabilities	Audio		PDF
10/24/12	Exploring Our Favorite Apps for Living, Learning, Working, and Playing	Audio 1 Audio 2		PDF
09/26/12	Considering Assistive Technology in the School System	Audio	DOC	PDF
08/29/12	Using Assistive Technology for Effective Nursing Home Transition	Audio		PDF
07/25/12	Universal Design for Learning	Audio		PDF
06/27/12	Service for All: Successful Volunteering with Assistive Technology, Accommodations and Awareness	Audio		PDF
05/30/12	How to Fund Assistive Technology: Navigating through Complex Funding Streams	Audio		PDF
04/26/12	GARL presents a Webinar: The World of Tablets and Apps	Audio		PDF
09/08/11	Success in the General Curriculum: What it Takes	Audio		PDF

Category: Events

TOOLS for LIFE
Georgia's Assistive Technology Act Program

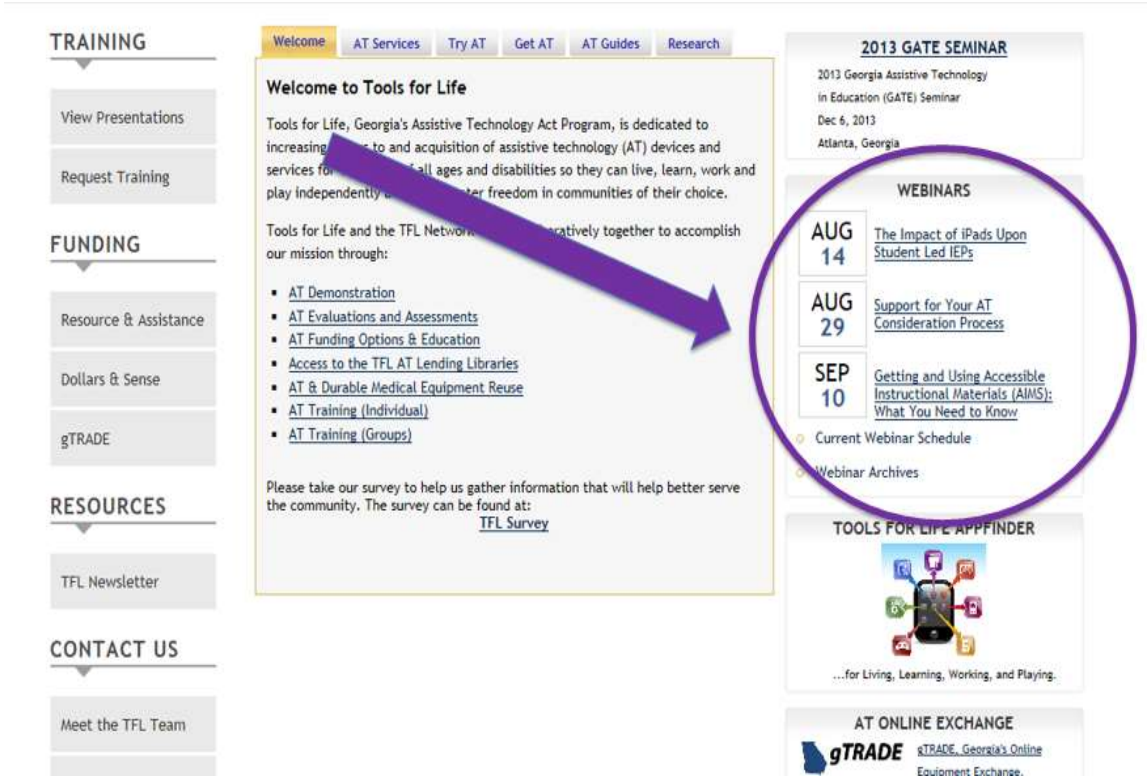
C4ATX
Center4ATExcellence

CEUs and CRCs are Available

- **CEUs** are approved for .10 clock hours and are administered through Georgia Tech Professional Education
- **CRCs** are approved for 1.0 clock hours and are administered through the Commission on Rehabilitation Counselor Certification
  - To receive your verification form, send an e-mail with the webinar title and date, your full name, organization, city, state, e-mail address and date of birth to Liz.Persaud@gatfl.gatech.edu

Join us for Upcoming Webinars!

- **March 10** – Danny Housley, GATFL: Vision Update
- **March 24** - Vicki Clarke, SLP: Implementation Strategies for Communication Partners
- **April 14** – Gigi Whiteside, AT Team, Fulton County Schools: Standard, Practical, and FREE AT!
- **May 5** – Holly Huynh, Metro South GLRS: AT and IT, the Right Tools for Student Success
- **May 19** – Adam Pearce, Education Director: Notetalker



Webinar Evaluation

At the end of today's webinar, we ask that you please take a moment to complete our survey:

https://www.research.net/s/TFLwebinar

DT Trainer - Basic Training Tools For Life Webinar

Karl Smith – Developer/Founder
Accelerations Educational Software
www.dttrainer.com

Part 1 – Product Overview

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www.dttrainer.com – Training

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Personal Connection

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Products & Customers

- Products in
  - over 1100 School Districts
  - 100s of Private Schools & Institutions
  - 1000s of homes
  - 2 Foreign Versions
    - Canadian & Spanish
- DT Trainer & Activity Trainer

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Products Advisory Board

- Peter Gerhardt, Ed. D.

  Executive Director of The EPIC School , Chairman Scientific Council for the Organization for Autism Research, On Editorial Board of Behavior Analysis in Practice, International Speaker on Autism
- Dr. Stephen Shore

  Professor of Special Ed, Board Member Autism Society of America

  Author & Internationally Known Speaker on Autism, Individual with Autism
- Robert Stromer, Ph. D.

  BCBA, Researcher, Behavioral Scientist, Professor, Computer technologies Expert
- Dr. Bridget Taylor

  BCBA, Professor, Director of Eden II/Genesis Outreach Autism Center, International Speaker on Autism
- Dr. Mary McDonald

  BCBA, Associate Professor at Hofstra University, Director of Alpine Learning Group, International Speaker on Autism, VP of Association for Science in Autism Treatment

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Our Other Product: Activity Trainer

- **Teaches Skills**
- **Assisted Learning**
- **Makes Video Modeling Practical**
- **Supports**
  - **Task Analysis, Sequences, Video to Image Transitions, Data Collection, …**
- **Skills Library**
  - **300+ Ready to Use Activities**
- **User Library**
  - **Create your own Activities**
- **Computerized Visual Schedule**

Autism
Cognitive Disabilities
Severe, Moderate, Mild
At Risk
Preschool – Elementary
Severely Delayed Middle &
High School Students & Adults

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Discrete Trial (DT) Trainer

- **Current Version: 2.6…**
- **Teaches Concepts**
- **Designed for Autism**
- **Implements ABA Methods**
- **Over 20 years of supporting research**
- **Independent learning**
  - **Even very low functioning Students**

Autism
Cognitive Disabilities
Severe, Moderate, Mild
At Risk
Preschool – Elementary
Severely Delayed
Middle School Students
High School Students
Adults

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Discrete Trial (DT) Trainer

- **Virtual Teaching Assistant**
- **Used with up to 33% of Students in Special Education**
- **Developmentally 2 – 9 years**
- **Does not baby student**
  - **Age appropriate from kindergarten to adult**
- **Robust Program**
  - **~260 Content Programs**
  - **100s of Reinforcers**

Autism
Cognitive Disabilities
Severe, Moderate, Mild
At Risk
Preschool – Elementary
Severely Delayed
Middle School Students
High School Students
Adults

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Used in Range of Settings

- School Districts
  - Self Contained Classes
    - Preschool
    - Elementary
    - Where students are significantly delayed at:
      - Middle School
      - High School
  - Full day main-streamed students
  - At-risk preschool & kindergarten classes

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Used in Range of Settings

- Institutions & Private Schools
- Autism Centers and Home Programs
- Group Homes
- Private Homes
  - Autism & Intellectual Disabilities
  - Typical Siblings

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Part 2 - Content Overview

- ~260 Content Programs
- Receptive Language, Early Academics, Life Skills
- Developmental Range: 2 to 9 years
- Types
  - Matching (Identical, Non-Identical)
  - Identification (from auditory label)
  - Identification (with text word label)
  - Concepts
  - Problem solving
- Examples
  - Colors, shapes, numbers, letters, words
  - Objects, foods, animals, clothing, emotions, signs
  - Math, counting, patterns, classification, money, time,
  - Word analysis, wh questions, social studies, math word problems

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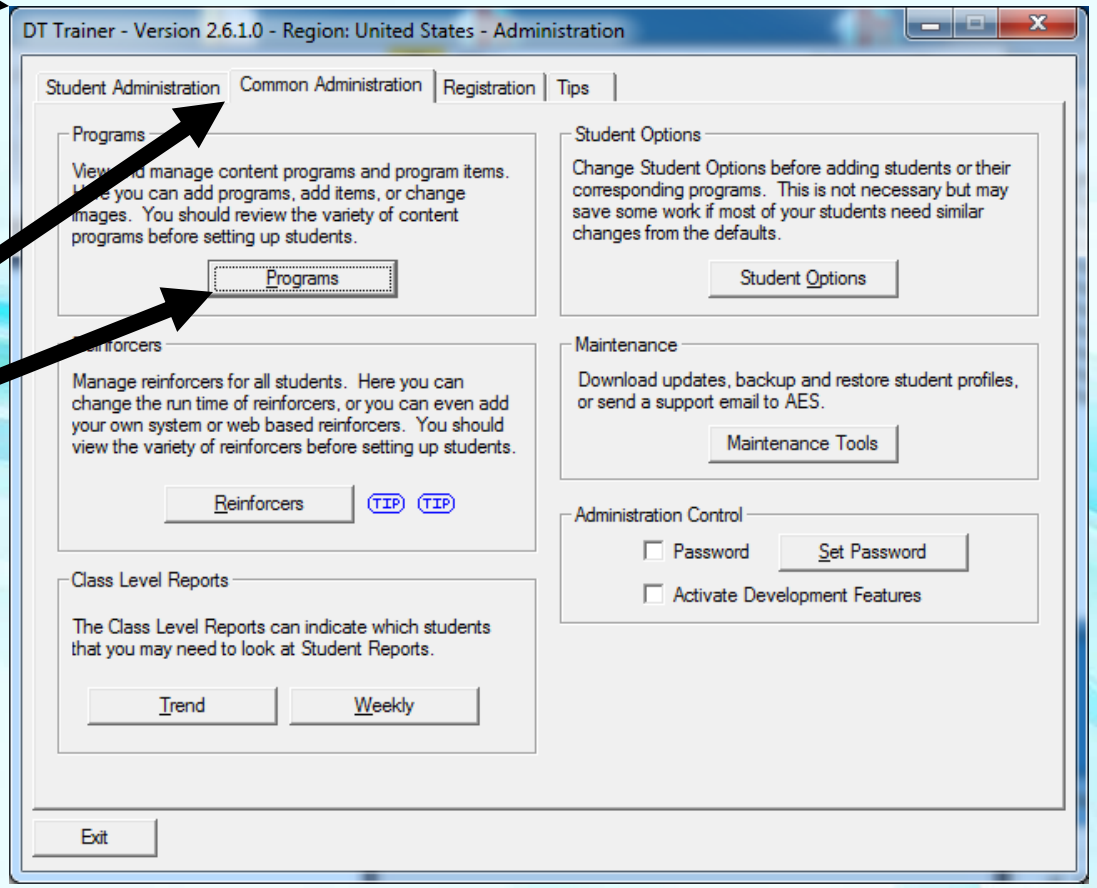
Content Overview - Opening Program List

- To View Content
  - Select Common Administration Tab
  - Select Programs button



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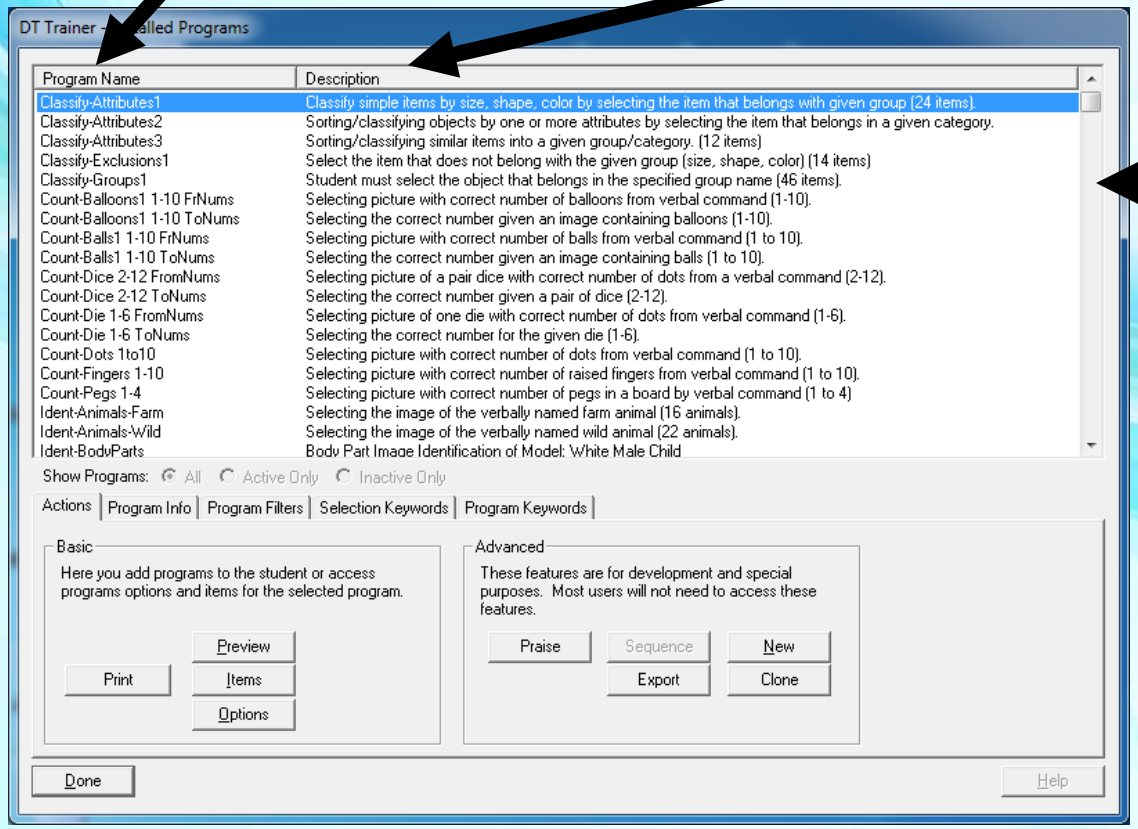
Content Overview - Program List

Program Short Name

Program Description



Scroll to view complete list

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Content Overview – Program Types

- Program name starts with type
  - Classify — Classification Programs
  - Count — Counting Programs
  - Ident — Identification Programs
  - Match — Matching Programs
  - Math — Math Programs
  - Money — Money Programs
  - Phonics — Phonics Programs
  - RC — Reading Comprehension Programs
  - SS — Social Studies Programs
  - Sequence — Sequencing Programs
  - Spatial — Spatial Programs
  - Time — Time Programs
  - WA — Word Analysis Programs
  - WhQ — “Wh” Question Programs
  - Words — Word Programs

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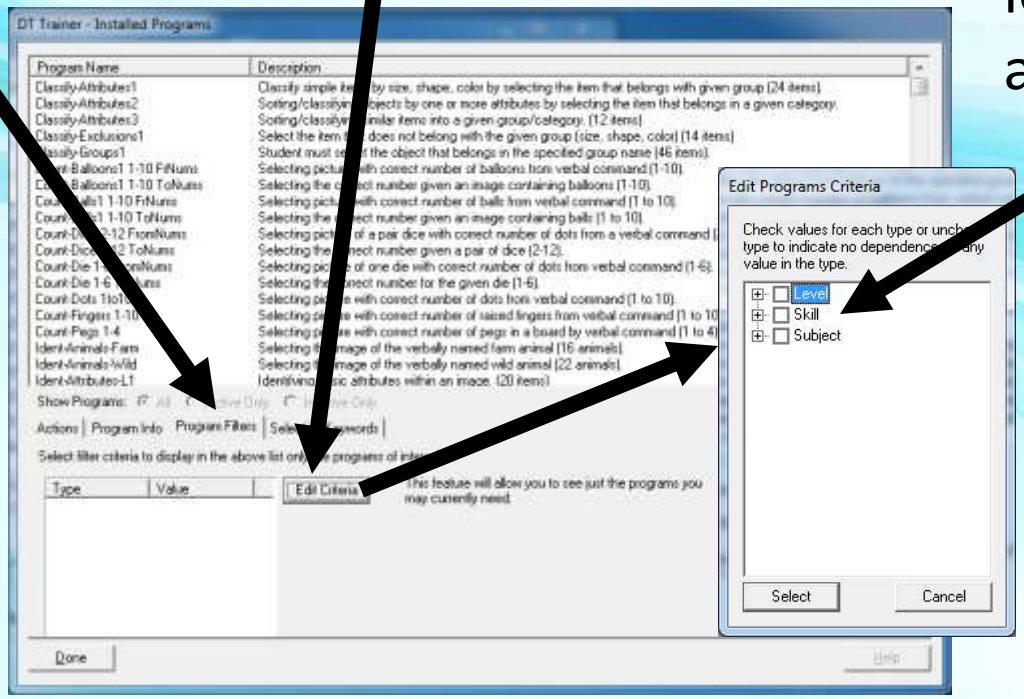
Content Overview - Filters

- Can limit program list (Set Filters)

Select Program Filters Tab

Click the Edit Criteria button

Can filter by level, skill, and subject



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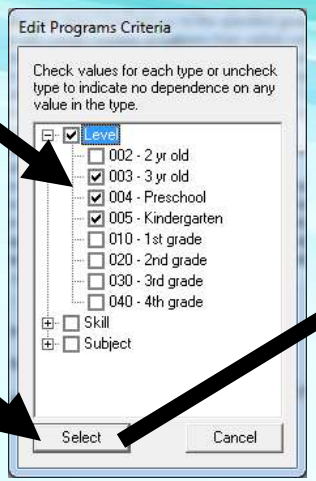
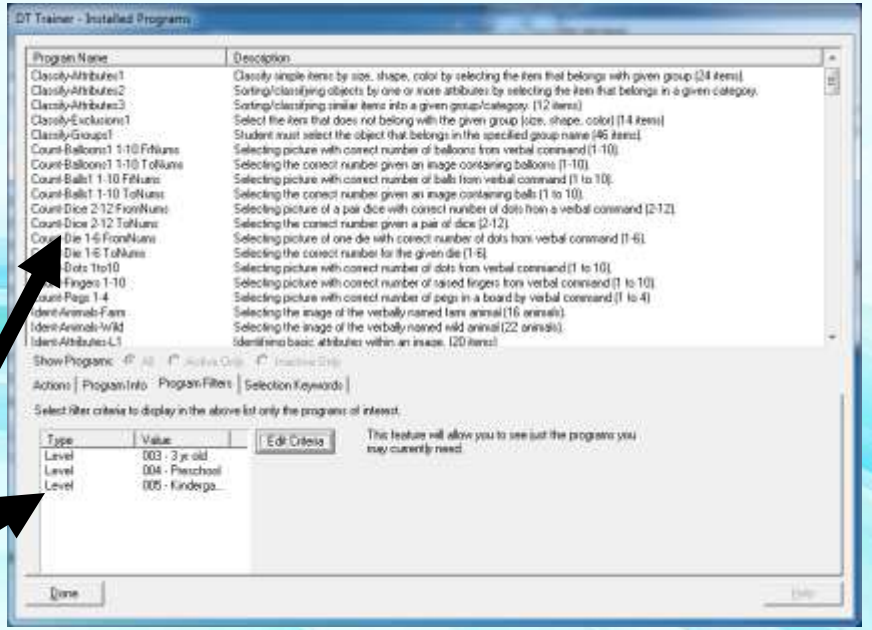
Content Overview – Setting Filters

- Can limit program list (Set Filters)

Expand and select filters

Click Select





Displays filtered list and set filters

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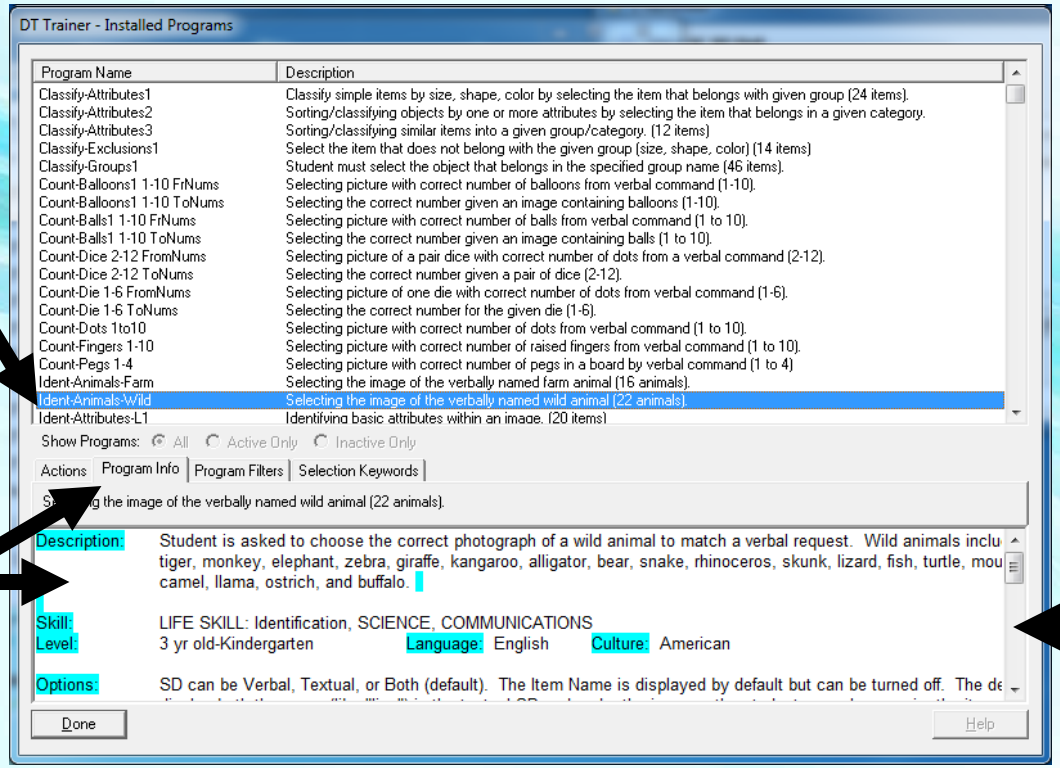
Content Overview – Program Info

- Before creating students review the available programs

Select Program of interest



Select Program Info Tab

Scroll Info

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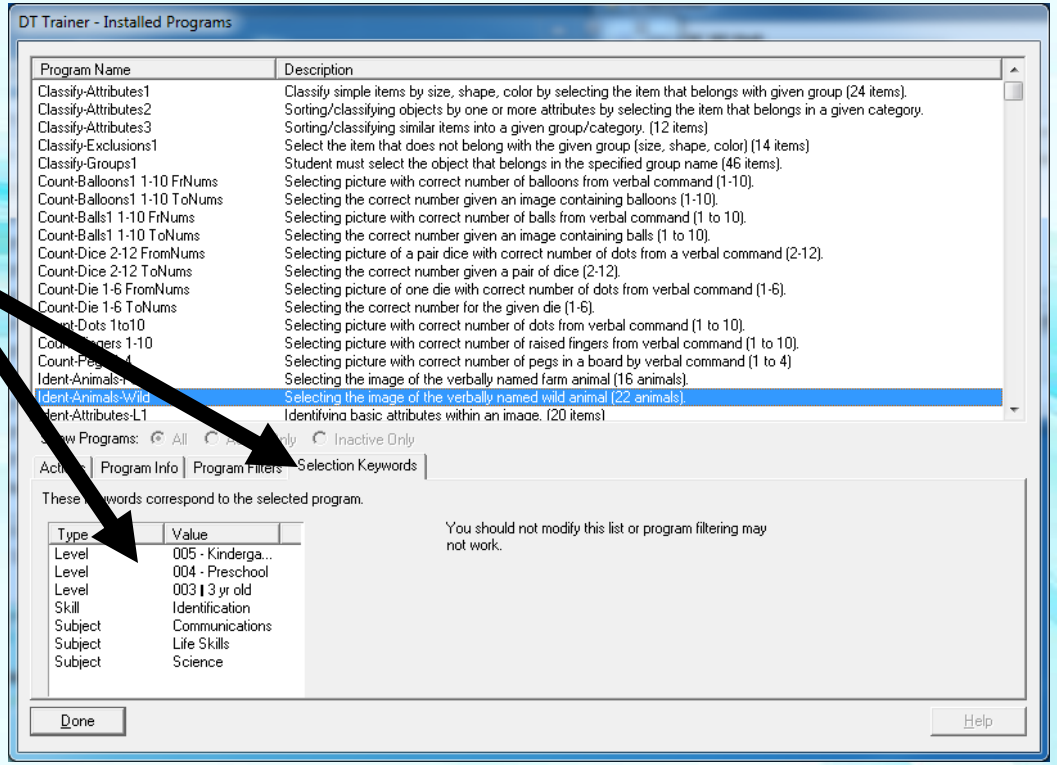
Content Overview
Keywords

- Before creating students review the available programs

Select Selection Keywords

- Use keywords to set filters to find similar programs



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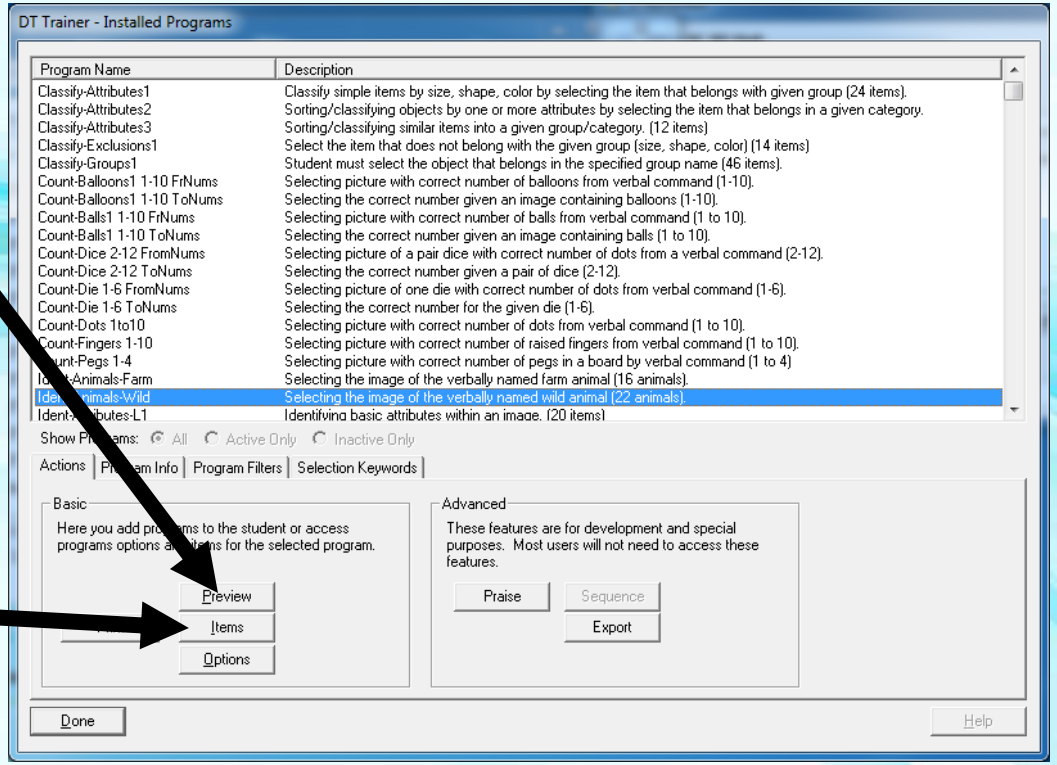
Content Overview – Preview Sample Item

- Before creating students review the available programs

Preview sample item from selected program

- Understand trial presentation to student

View item list for selected program



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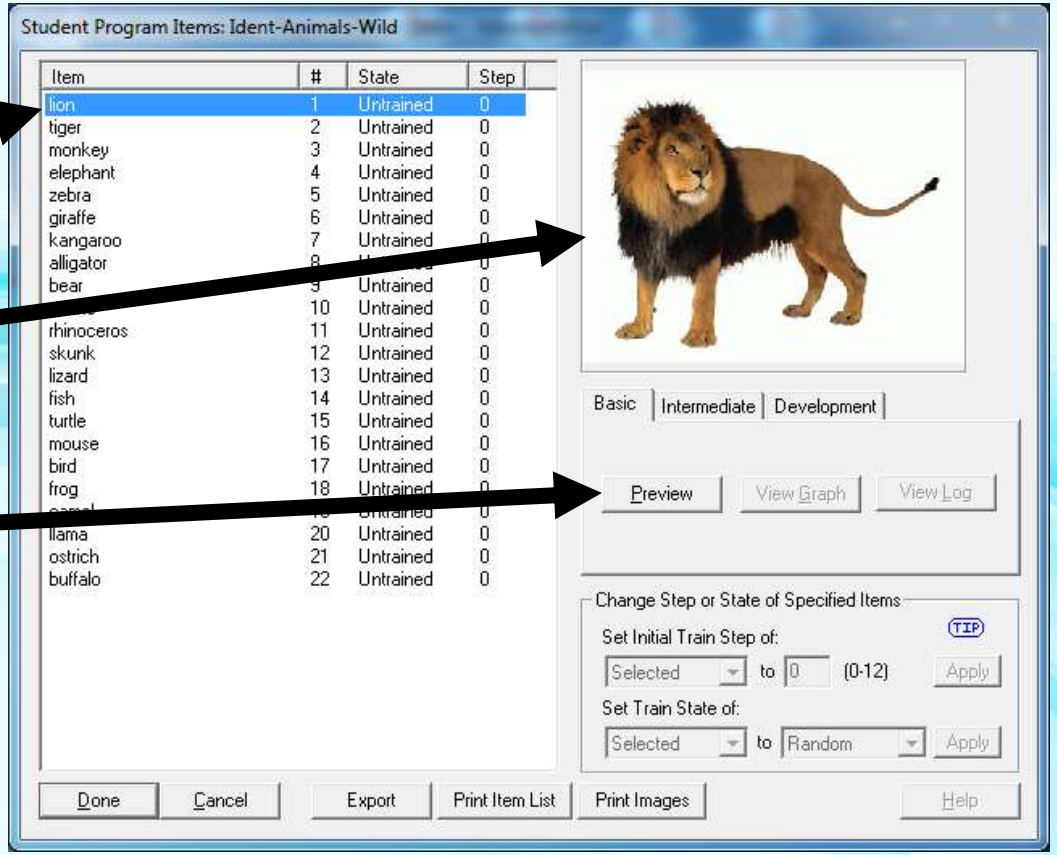
Content Overview – Program Item List

- Learn more about items in program

View the list

Select items

- View associated image
- Use Preview to see example trial of item



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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Navigate the programs under Common Administration
  - Preview a sample item from content programs
  - Look for the Program Information for programs
  - Look at the program items & preview specific items
  - Just do a few for now so that you will be comfortable coming back later to review what content programs are available

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Part 3 - Reinforcer Overview

- Configurable reinforcement system
- 100s of selectable reinforcers
- Create your own
  - Video reinforcers
  - Web pages
- You pick reinforcers for each student
- Student earns Tokens toward reinforcement
- Random without repeats in session
- Automatically fades reinforcement

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Reinforcer Overview – Range

- Reinforcers must motivate & can teach skills
- Range of Reinforcers
  - Quiet to noisy
  - Visually simple to busy
  - Appropriate for toddlers to adults
  - Non-Interactive to very interactive
  - Require or develop skills

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Reinforcer Overview – Categories

- Activities
  - Art and Graphics, Basic Cause Effect, Basic Problem Solving, Controls, Eye Hand, Games, Intermediate Cause Effect, Music
- Non-Interactive
  - Hi Stimulation, Math Graphics, Misc, Tunnels
- Sounds – Children's Songs
  - Girl 1, Male 1
- Videos
  - Animations: Creatures, Explosions, Eye Candy, People, Space, Spinning, …
  - Movies: Animals, Misc., Sports, Transportation, Water, Weather
- User – You create your own here
  - Videos of the student's favorite things or activities, or student doing favorite activities
  - Videos from home or other sources
  - Compliant web sites

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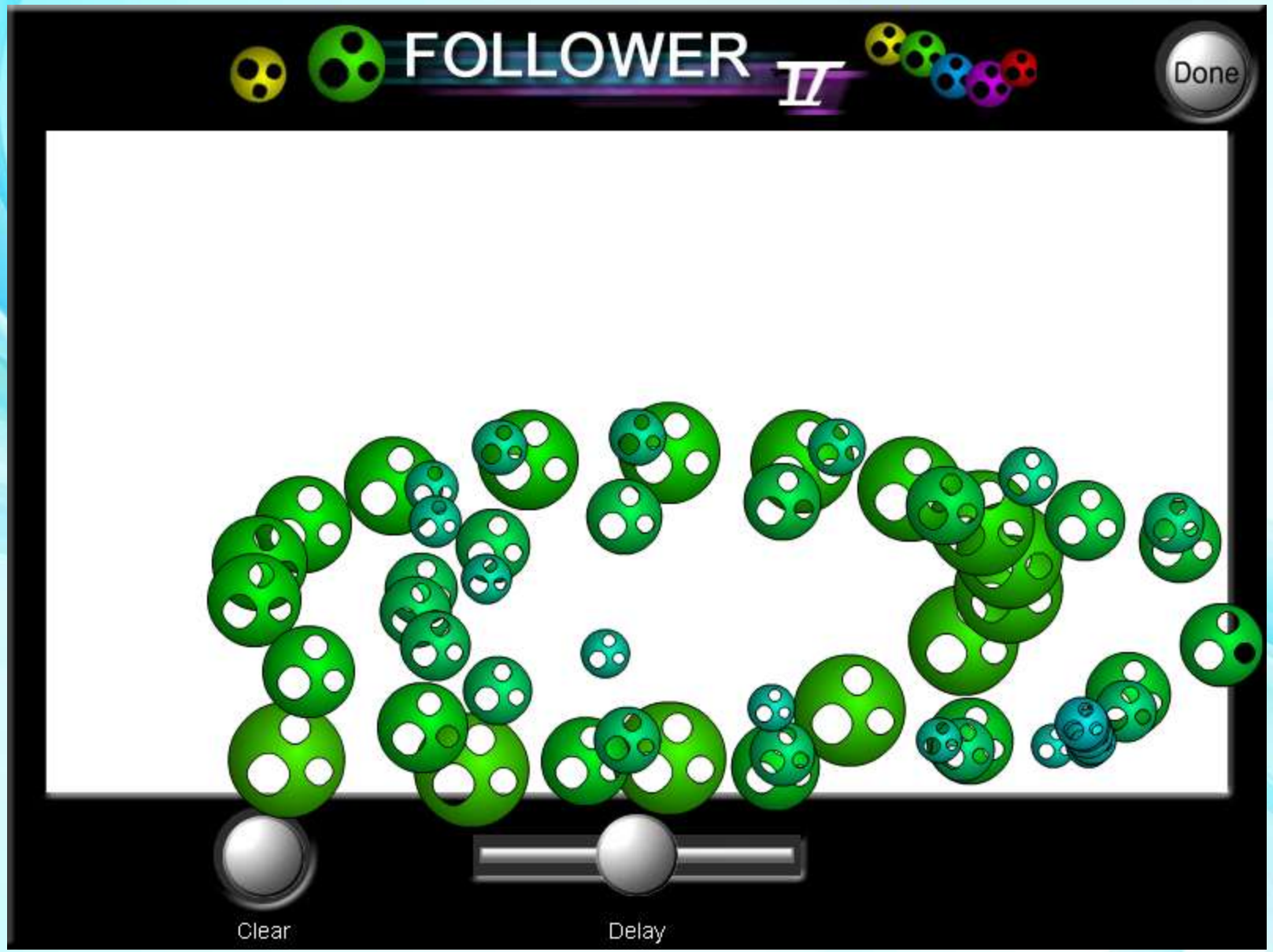

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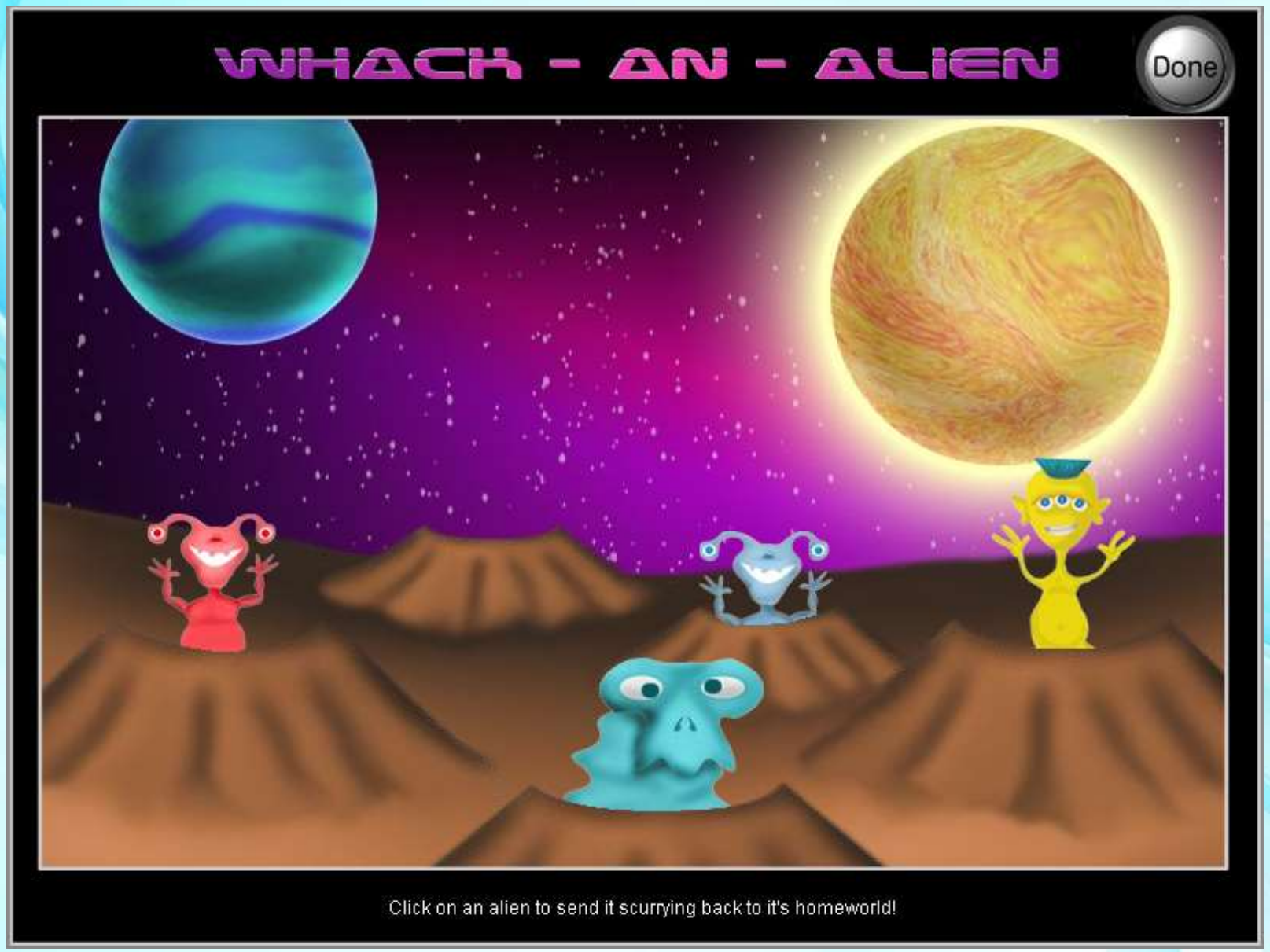

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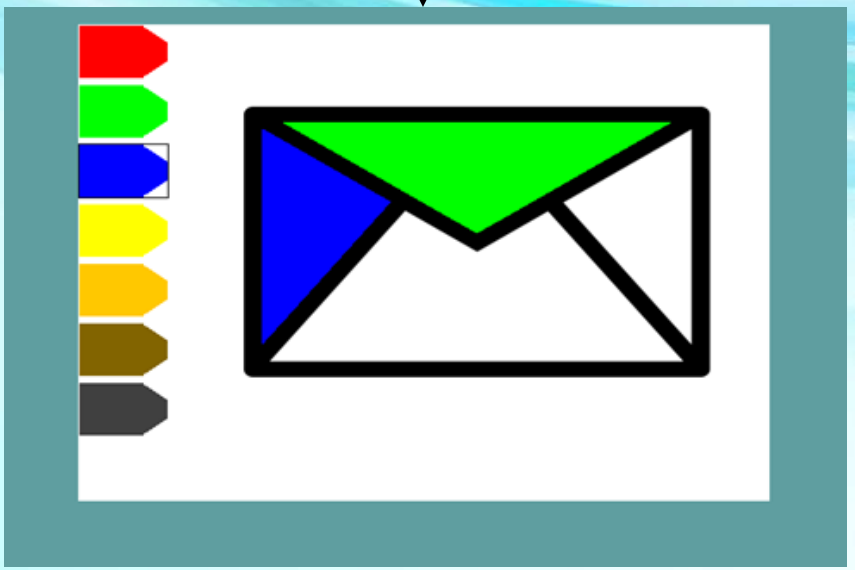

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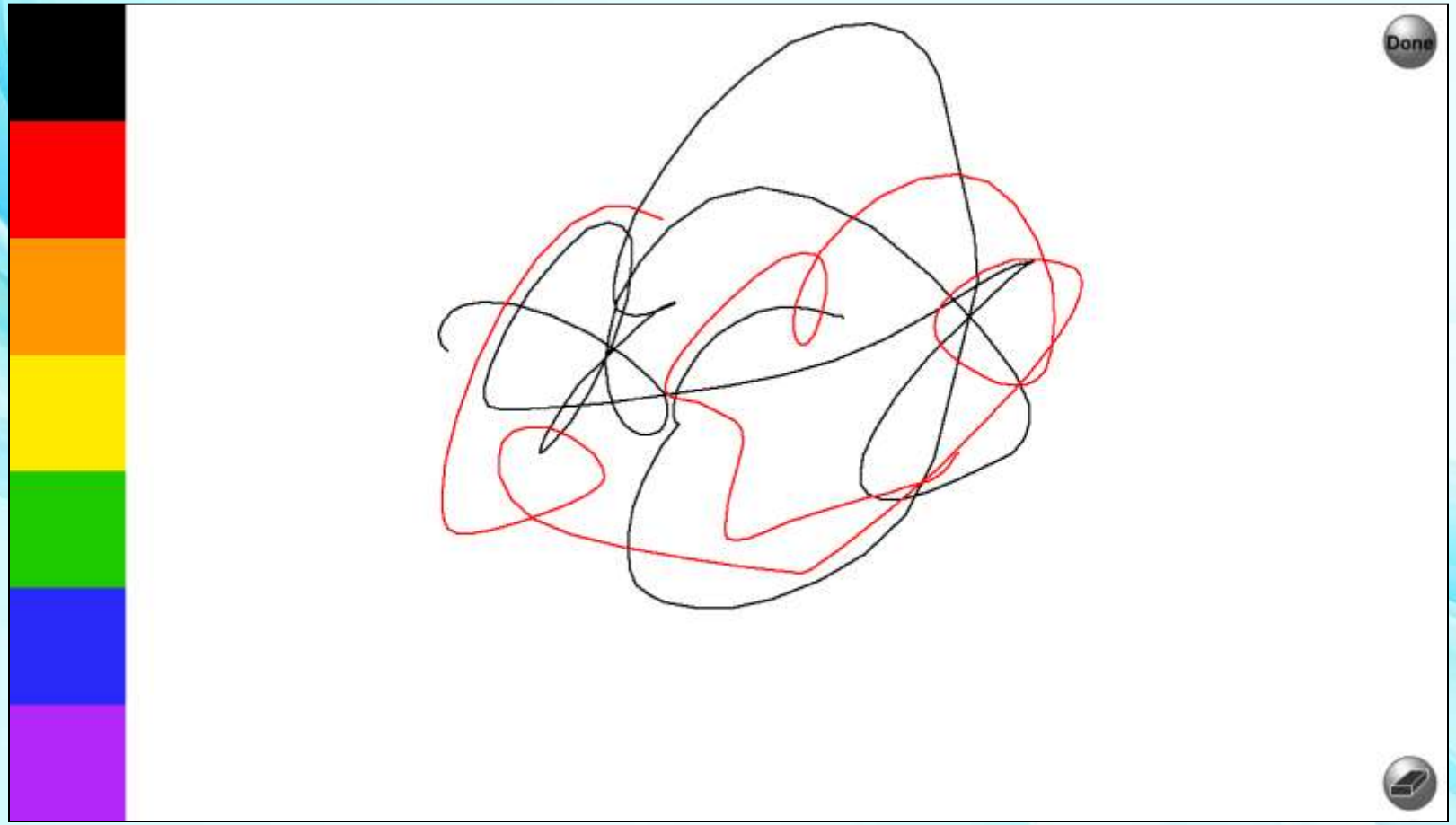

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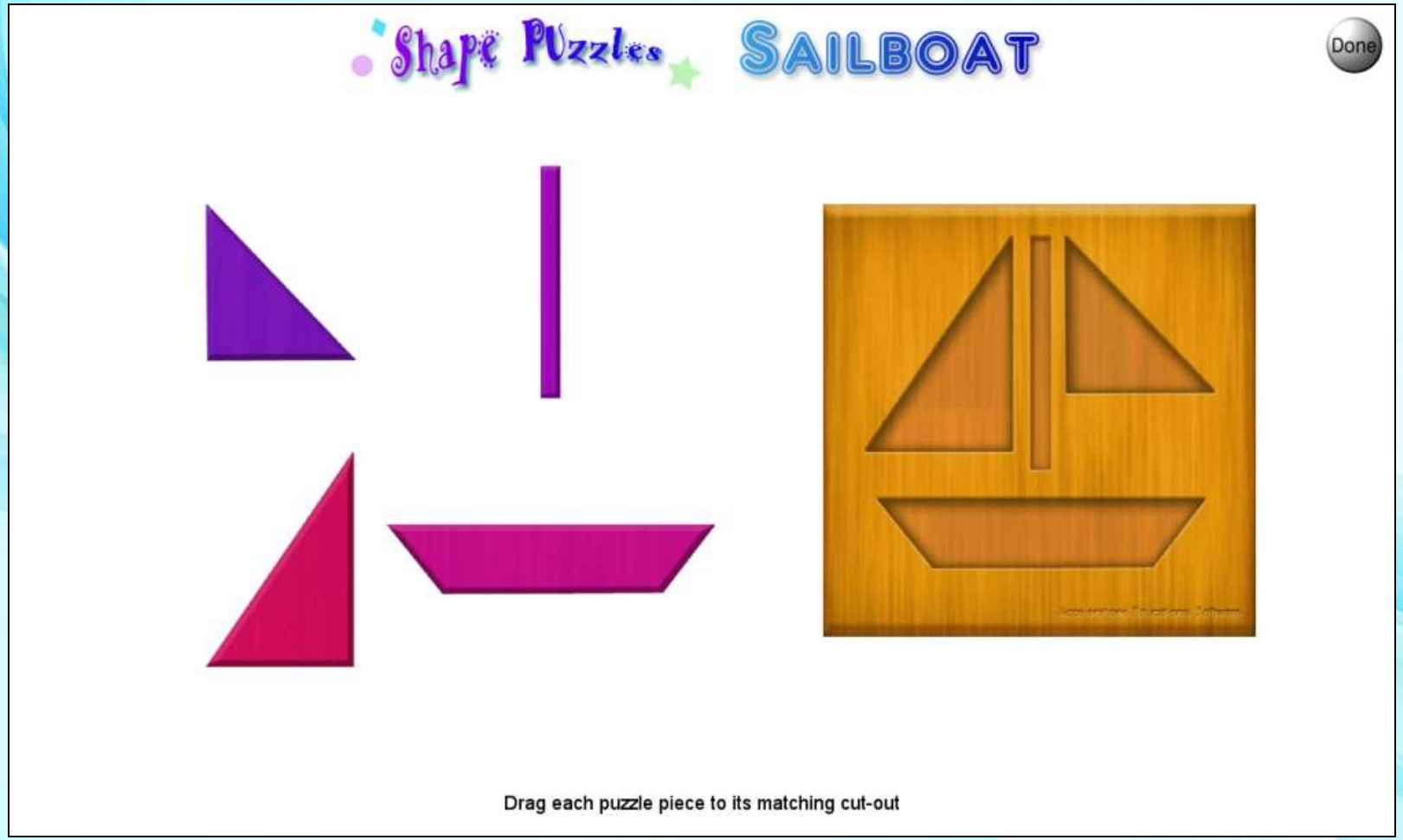

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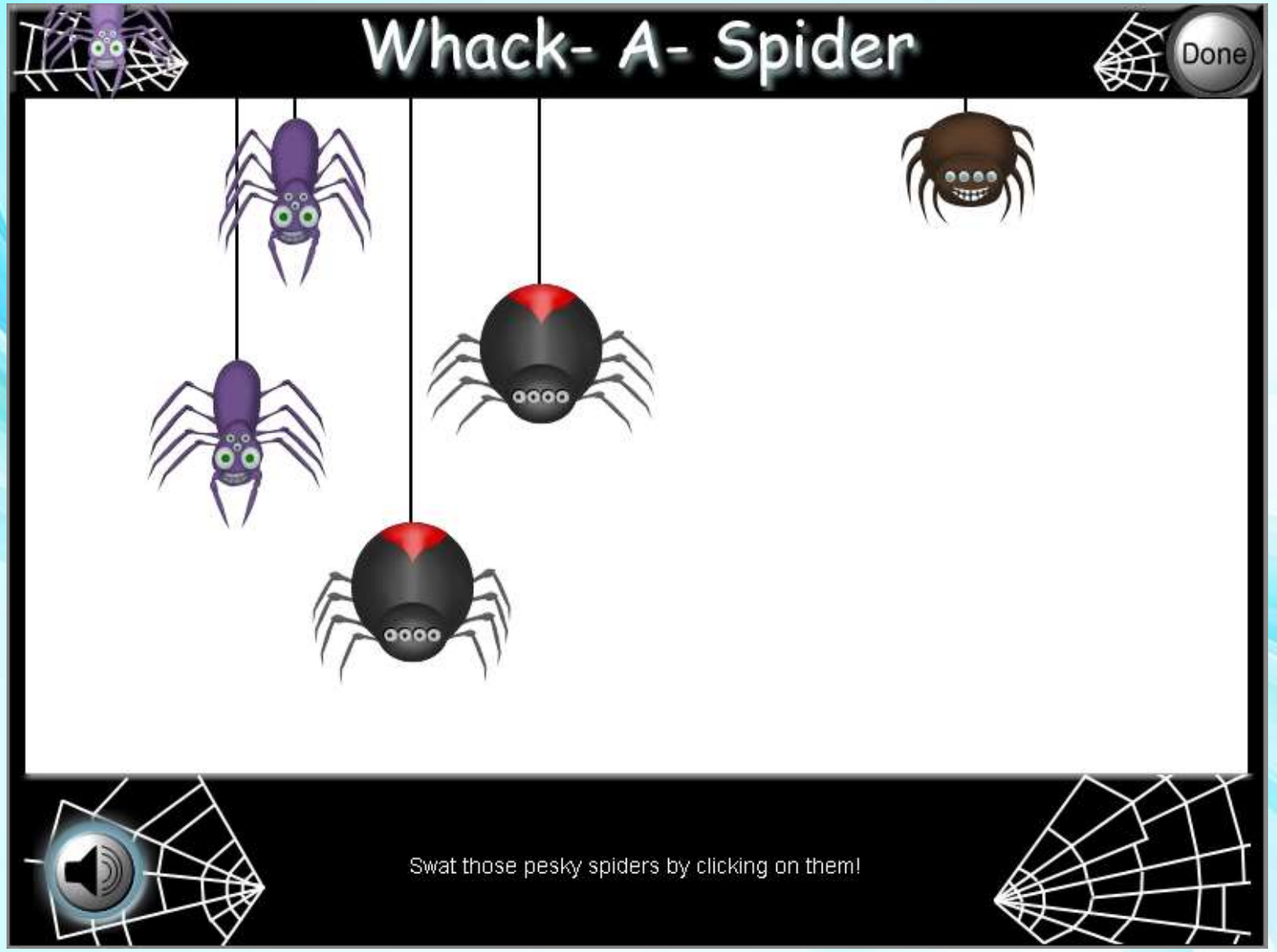

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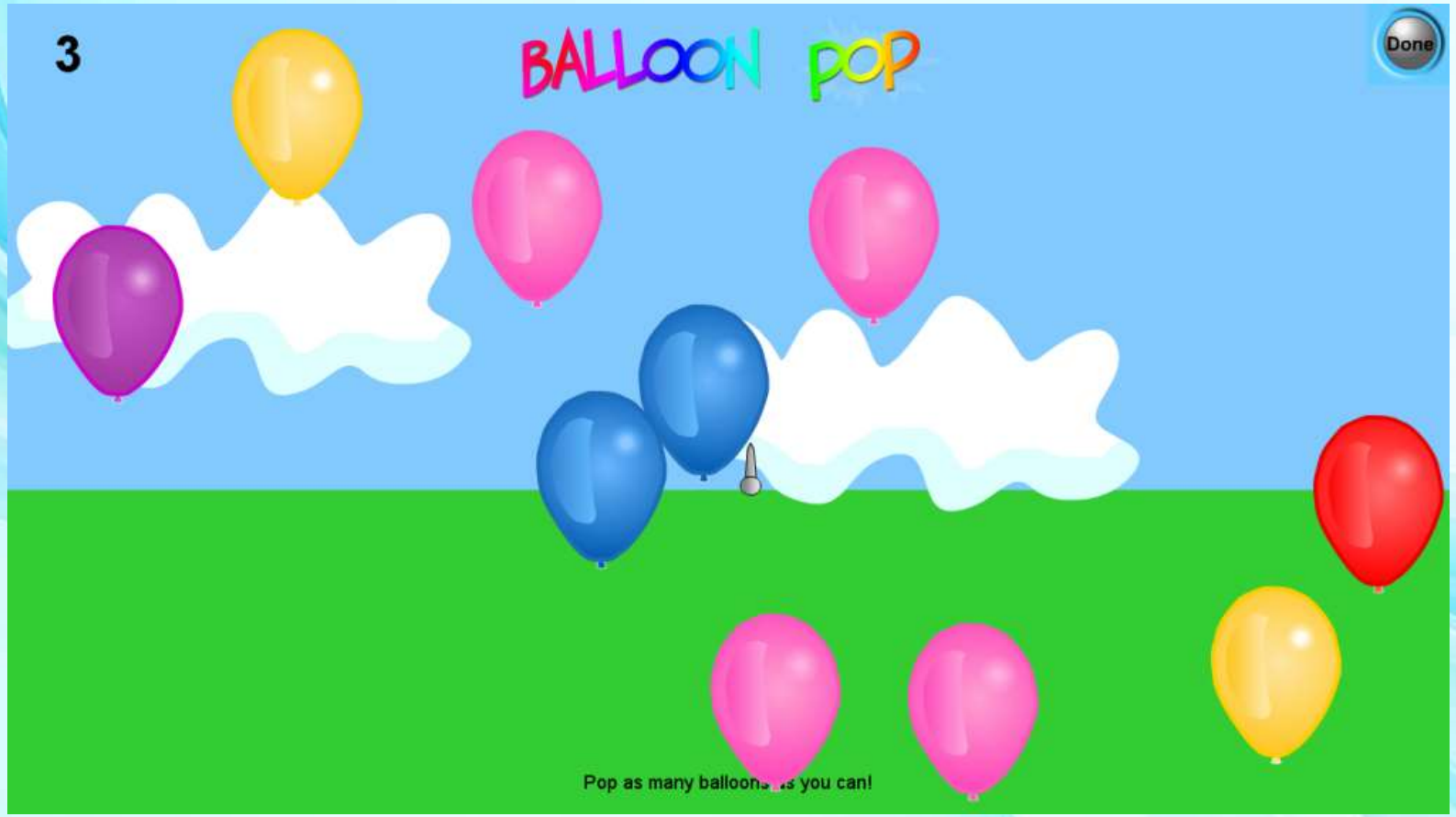

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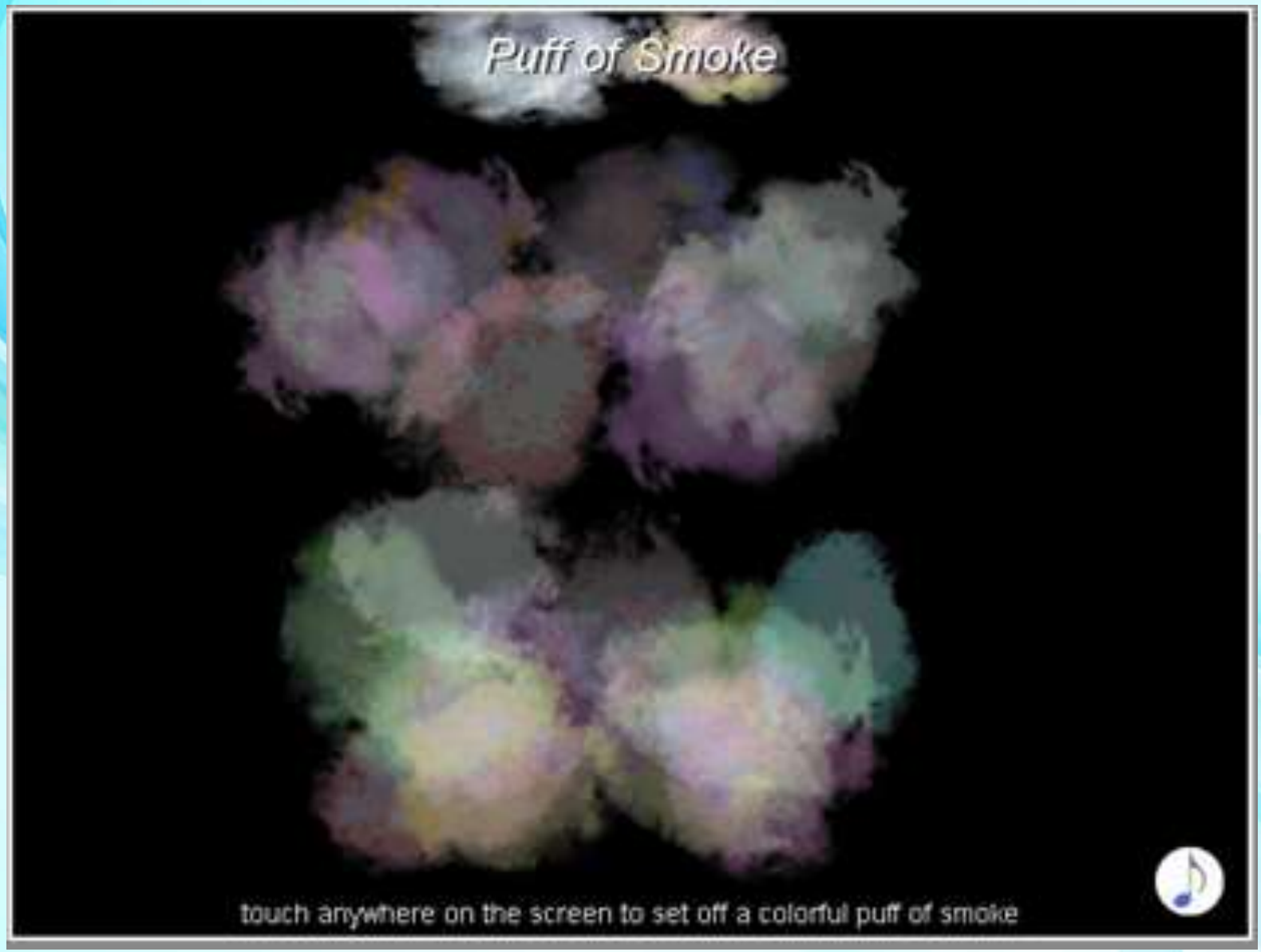

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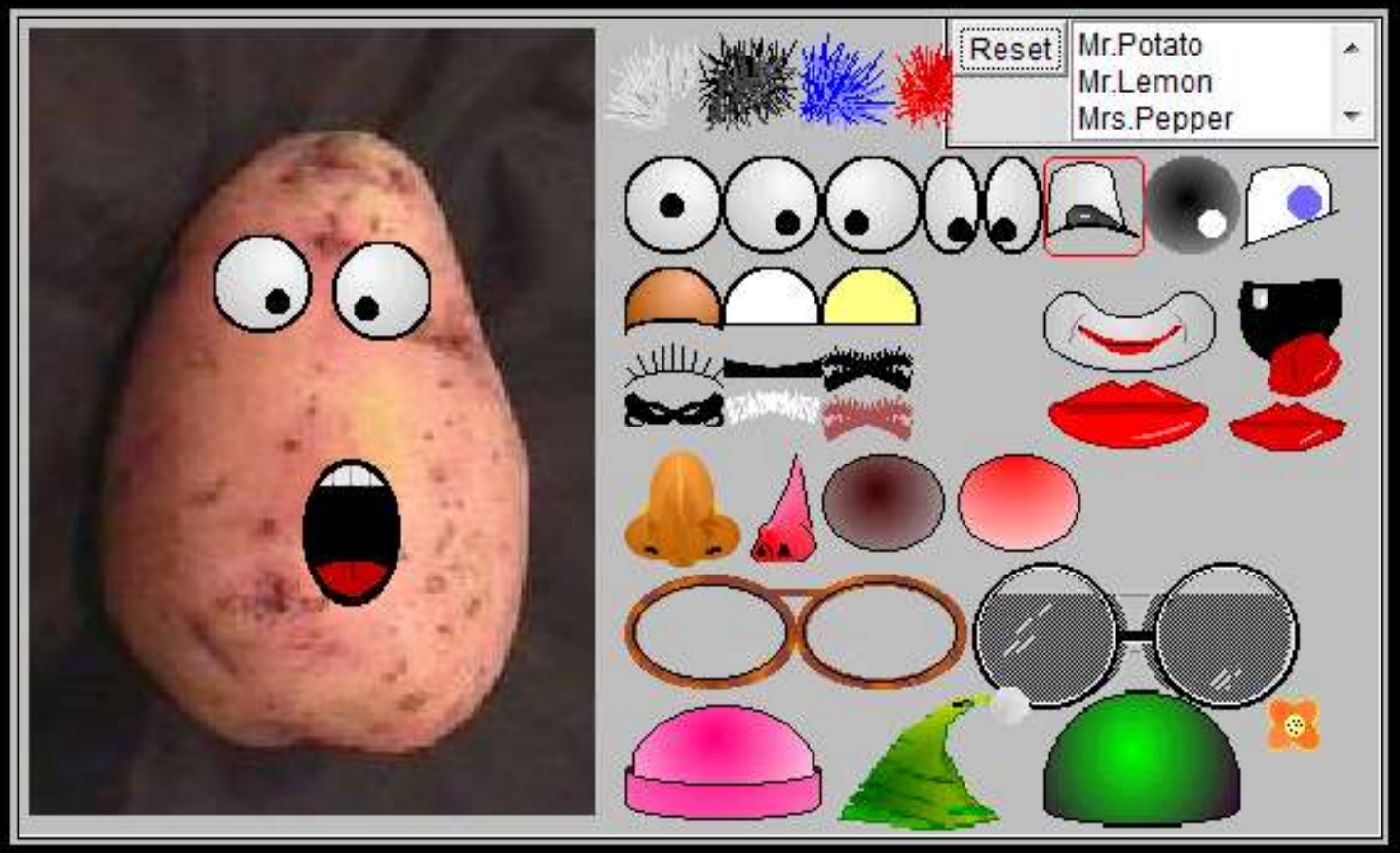
Veggie Head



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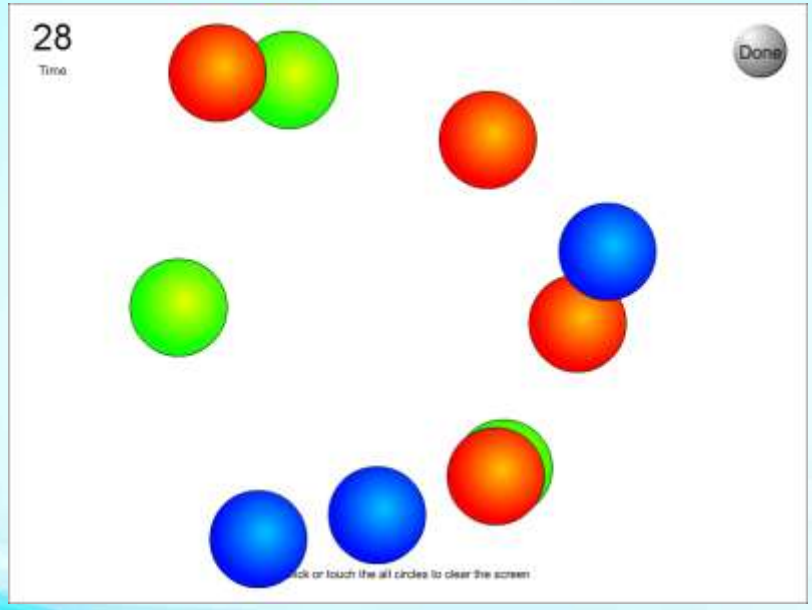

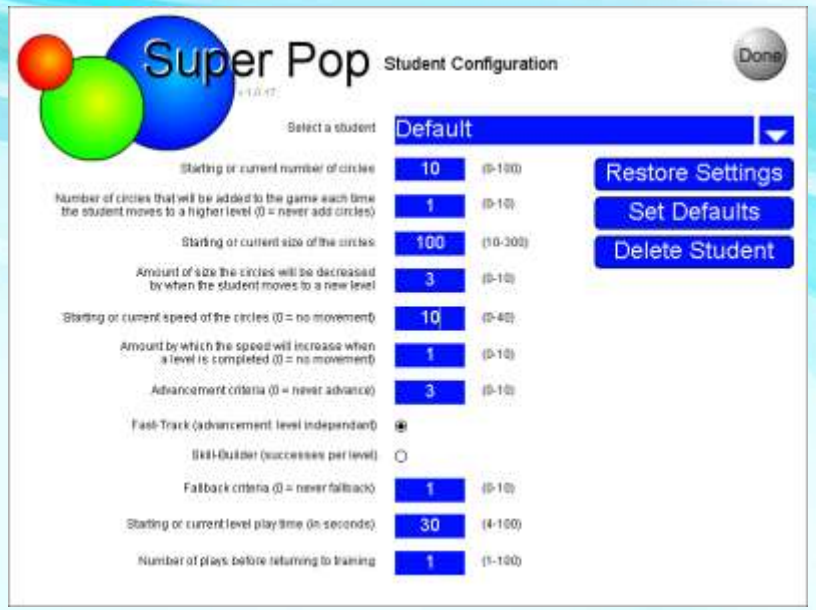

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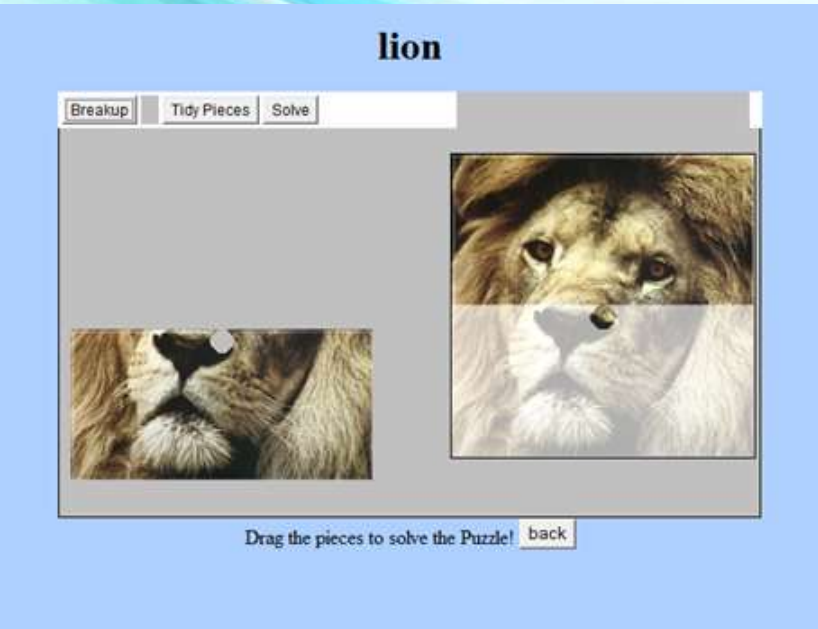

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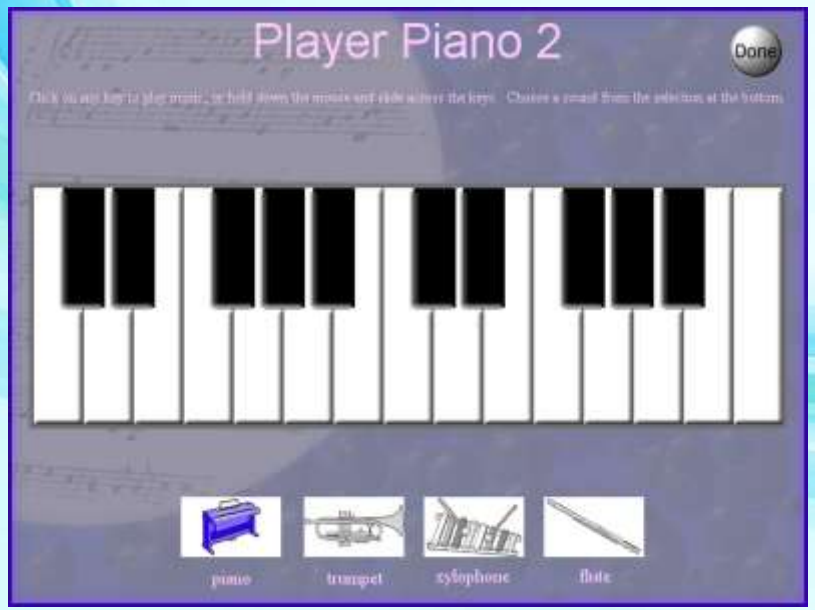

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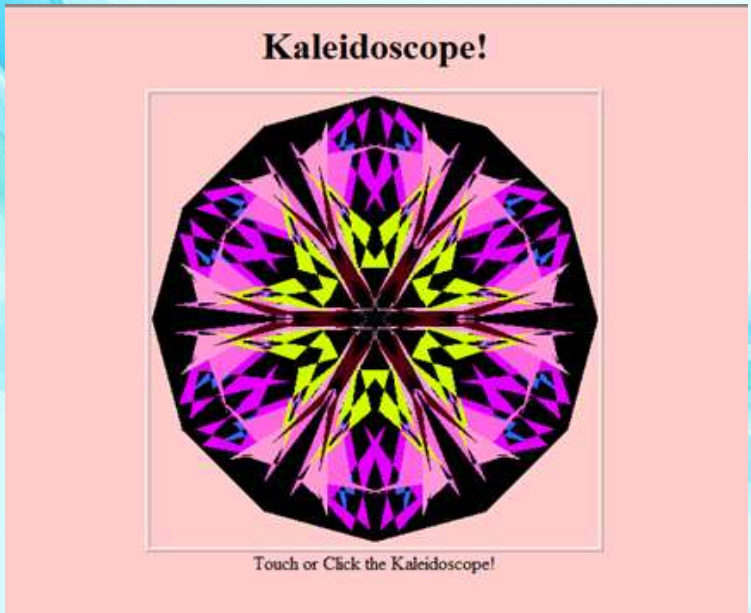

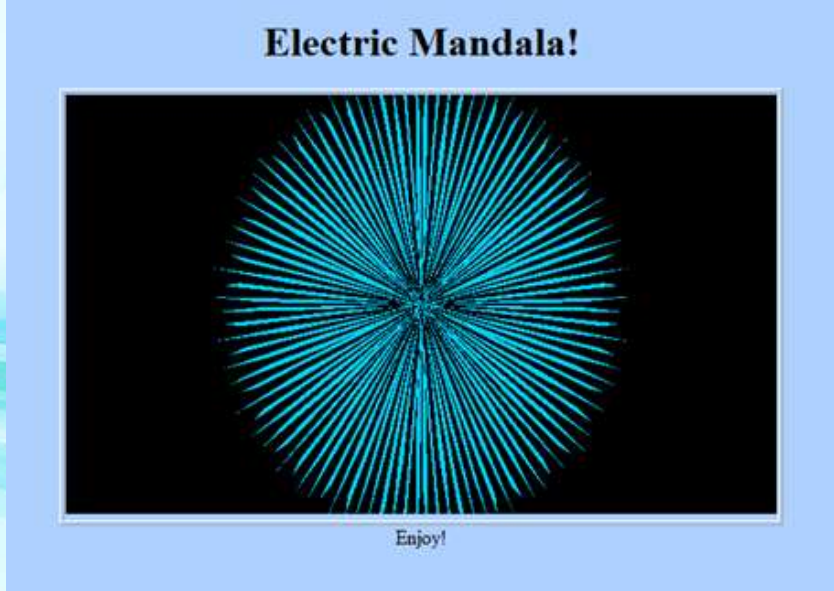

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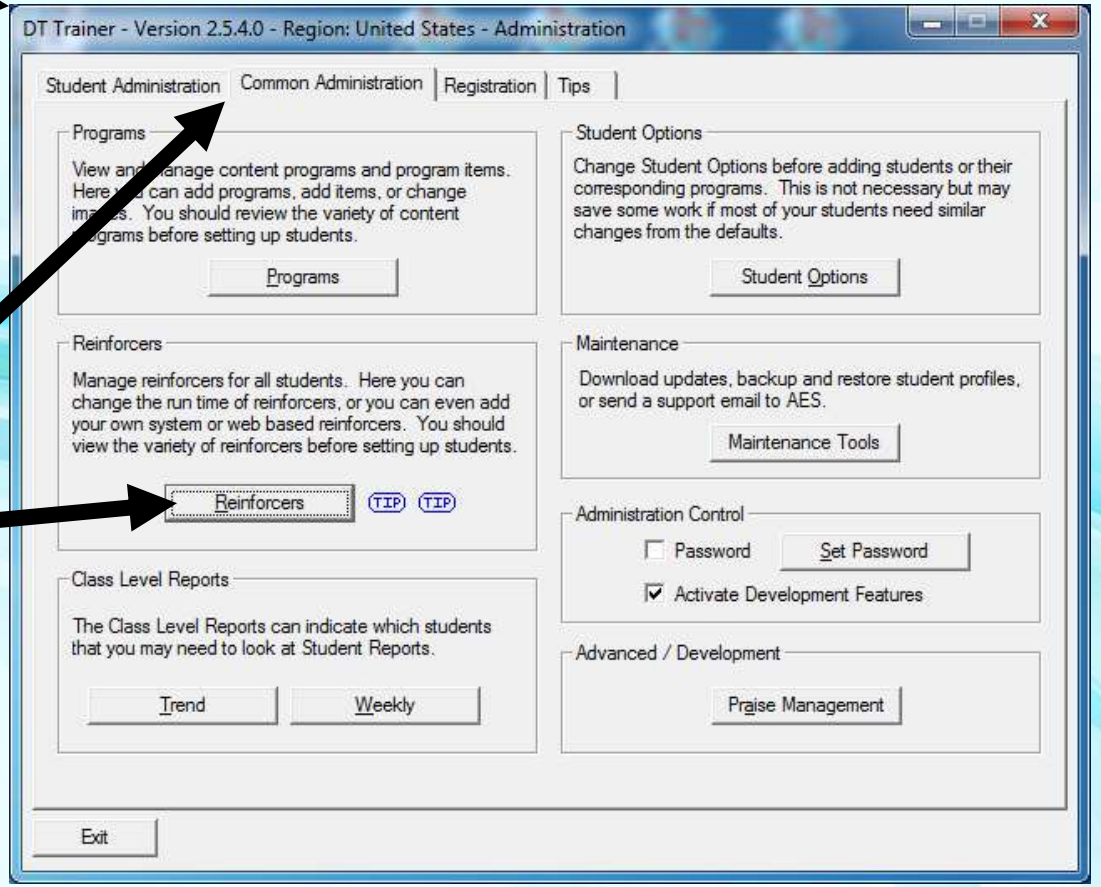
Reinforcer Overview - Open List

To View Reinforcers

- Select Common Administration Tab
- Select Reinforcers button



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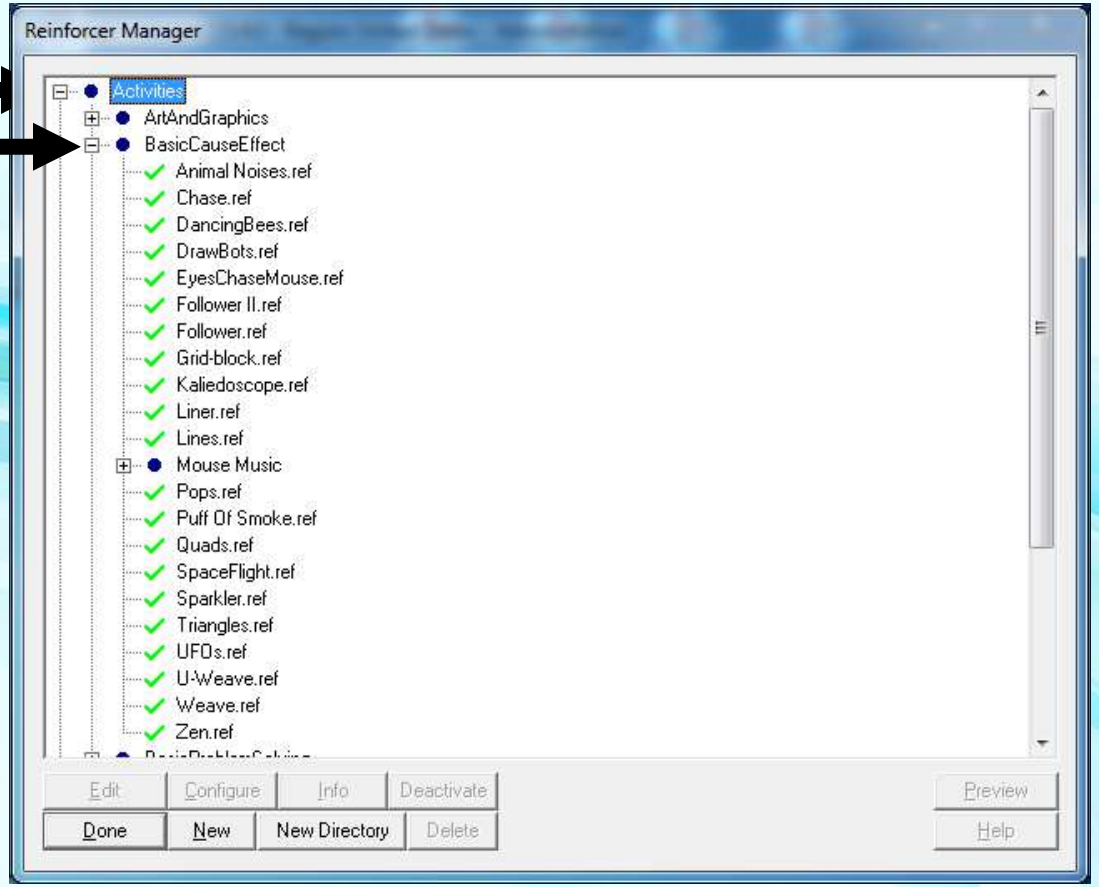
Reinforcer Overview - Tree List

Expand List to view subcategories and reinforcers



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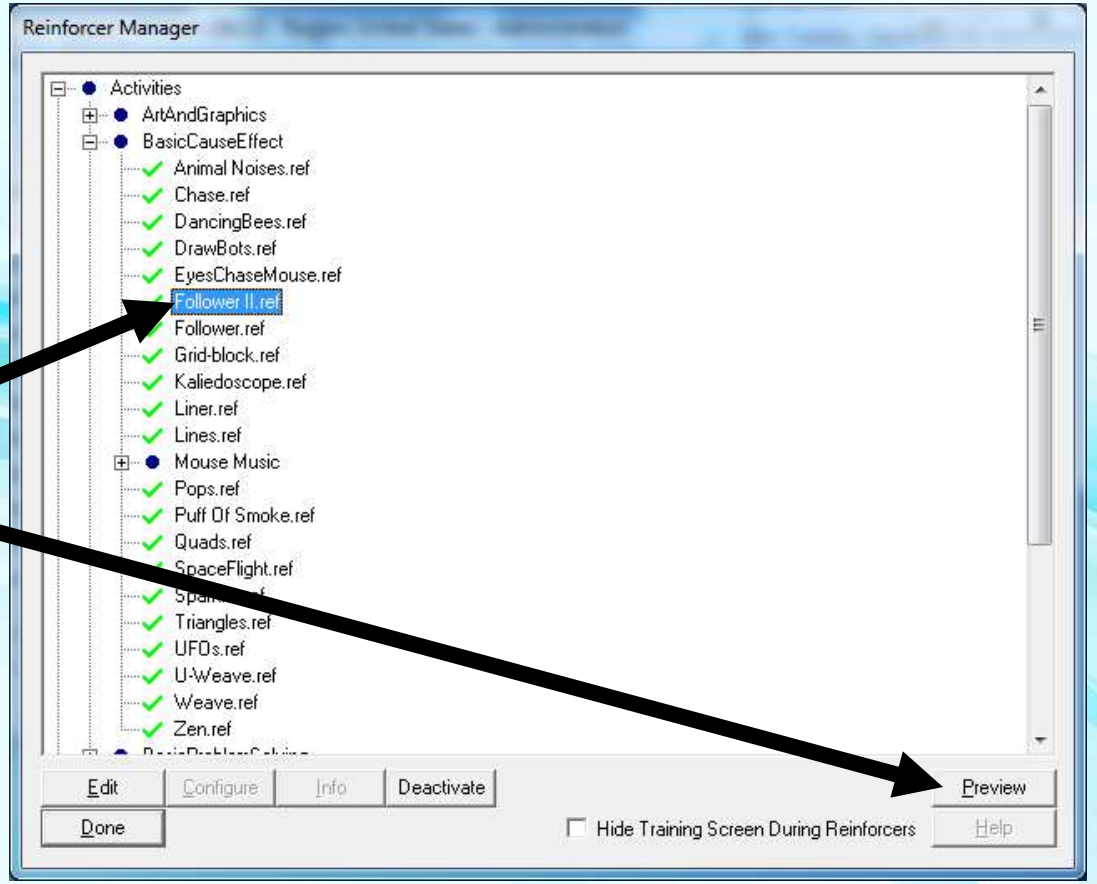
Reinforcer Overview - Preview Reinforcer

Select a reinforcer

Click Preview



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Reinforcer Overview – Review Available Reinforcers

- Before creating students…
  - review available reinforcers
- It will be fun!

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Navigate the **reinforcers** under Common Administration
  - Preview reinforcers
    - You can click done in a reinforcer once to get the idea to end it early and try another
  - Just do a few for now so that you will be comfortable coming back later to review what reinforcers are available

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Part 4 - How It Works

- Section Covers:

Learners Addressed
Virtual Teaching Assistant
Training Flow
Prompts & Prompt Fading
Train States and Modes
Probe Tests

Reinforcement Strategies
Input Devices
Training Profiles
Generalization
Training Screen
Target & Distractor Items

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Learners Addressed

- Moderate to Sever Autism – Range of Issues:
  - Motivation
  - Generalization
  - Forgetting
  - Age Appropriateness
  - Abilities with Input devices
  - Slow Learners
  - Not independent learners
  - Staying on task
- DT Trainer Methods
  - Critical for lower functioning students
  - Work or not engaged for higher functioning students

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Virtual Teaching Assistant

- DT Trainer works as Virtual Teaching Assistant
- Teacher:
  - Selects Content & Reinforcers
  - A few other settings
  - Provides daily access to students
  - Periodically views reports & makes adjustments
- Student
  - May launch own training from student's training icon
  - 15 to 20 minute sessions
  - 1 to 2 sessions per day

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Virtual Teaching Assistant

- DT Trainer
  - Plays Sessions
    - Random without repeats selection of student's content programs across sessions
    - Next session starts from where last session ended
    - Most students start or become independent

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Virtual Teaching Assistant

- DT Trainer
  - Collects Data on Every Trial
    - Time stamp, train mode, step, result, session, distractors
  - Provides Reports
    - Common Administration
      - Trend, Weekly
    - Student Administration
      - Trend, Train States, Trial Results, Training Log

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Training Flow

- Introduces one item at a time from each selected program
- Student responds to trials until he has earned sufficient tokens for reinforcement
- After reinforcement, DT Trainer continues to play trials

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Training Flow

- Uses Student's name in instructions and praises
  - John, show me the dog.
  - Wow! You showed me the dog, John!
- Concept reinforcement
  - When student answers correctly – student is shown what he did correctly
- Correction
  - When student answers incorrectly – student is simply shown the correct answer with minimal audio

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Training Flow

- Highly configurable
  - Adapt to learner's needs
- Errorless Learning Techniques
  - Quickly backs down to where there is only one answer
  - Does not allow student to practice failure
- Photo Icons
  - Pictures with background removed
  - Facilitates generalization
  - Age appropriate from toddlers to seniors

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Prompts

- An indication to student differentiating the correct vs. incorrect answers.
- Visual Prompts
  - Size
  - Position
- Familiar vs. unfamiliar distractor
  - Unfamiliar distractor easier to rule out as correct answer
  - Familiar distractor harder to rule out as correct answer
- Field Size
  - DTT uses field sizes of 1, 2, and 3 items on screen

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Prompt Fading

- Systematic removal of prompting
- From higher levels to lower levels
- Decrease prompt as quickly as possible
- Increase prompt if student can not perform well at lower level prompt

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Train States & Modes

- Train States (of Program Items)
  - Untrained, Train, Random, Maintenance, Proficient, Do Not Train
- Train Modes
  - Train, Random, Maintenance

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Training Modes

- Train
  - DTT will work on one item per program at a time
  - Intensive training of program item
  - Uses prompt and prompt fading
- Random
  - Random without repeats selection of program items in mode
- Maintenance
  - Random without repeats selection of program item in mode
  - Maintains items at low practice level over time

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Train Mode

- Uses prompts and prompt fading
- 13 steps
  - from just target item on screen
  - To target and 2 familiar distractors at PL1
  - 13 steps consist of a combination of field size, distractor familiarity, and prompt level
- Student can be started at any step
- Training profile determines where student starts
- Advancement from this mode shows familiarity with item

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Random Mode

- Usually 2 distractors
  - Unless program needs single alternative
- No prompts
- Advancement from this mode shows basic competency

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Maintenance Mode

- Usually 2 distractors
  - Unless program needs single alternative
- No prompts
- Advancement from this mode shows retention over time

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Probe Tests

- DT Trainer figures out what student knows and does not know from student's content programs.
- Probe Test items as introduced
- Up to 3 times – not consecutively
- 1st failed probe test next trial is in the train mode
- Items student knows skip Train mode and probe tests count toward advancement from Random mode.
- Does not show Concept Reinforcement or Correction
- Does reinforce for doing test (right or wrong!)
- New students on DTT mostly doing probe tests!

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Reinforcement Strategies

- Reinforcement strategy depends on student's
  - developmental level
  - and sometimes learning issues
- Strategies include
  - Earn tokens for every trial OR only non-prompted trials
  - Never lose tokens OR Cost Response – taking tokens away for incorrect answers
- Can reinforce
  - From every correct answer to rarely
  - Or just at end of session

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Input Devices

- Mouse
  - Most students will start with or learn to use mouse
  - Most flexible / powerful
- Touch Screen
  - Less flexible than mouse more flexible than switches
- Double Switch
  - Student clicks one button to advance, the other to select
- Single Switch
  - Program scans options, student clicks to select when on desired option
  - Least flexible / powerful
- Have student on highest level device

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Mouse Issues

- Generally use mouse without roller wheel
- Generally use two button mouse
  - If student has trouble with keeping finger on left mouse button, try putting Velcro dot (~1 in. fuzzy side) on left button to help student keep finger on button.
- Single button mouse
  - Simpler mouse may be necessary for lower students
  - Kidz Mouse and other single button mice may be good accommodations.

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Touch Screens

- If student can not use mouse, next best is touch screen.
- Recommend add on kits from Key Tech. If student does not have good point (with index finger) to touch the screen, you may need Occupational Therapist to help shape up good point.
- There are integrated touch screen monitors. This is a good solution but if touch screen or monitor fails, you lose both.
- There are integrated PC with monitor and touch screens. The disadvantage is if one component fails.

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Switches

- Many styles of switches
- Double Switch
  - One button advances, one selects
- Single Switch
  - Set scan cycles (number of times to give choices)
  - Scan rate (how long to offer each choice)
  - Bounding box color

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Input Devices (Tips)

- DT Trainer items are fairly large so mouse skills do not need to be very good.
- Reinforcer Only mode can be used to develop mouse skills.
  - Cause & Effect reinforcers
    - Clicks, movements, drags
    - Mouse movements only
    - Clicks (no matter where they are)
    - Clicks associated with reinforcer objects

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Student Training Profiles

- Selecting profile
  - Makes it easy to configure student's training
  - Sets defaults for training options
    - OPTIONS CAN BE OVERRIDDEN AT ANY TIME
  - Controls how training is preformed
  - Does not select what student is learning (content programs)
  - Does not select what reinforcers student uses

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Student Training Profiles – Lower Profiles

- Lower Training Profiles (by default)
  - For chronologically younger or developmentally lower students
  - Starts items lower in train mode steps
  - Takes more correct responses to advance
  - Provides more practice in all training modes
  - Provides tokens for every trial
  - Does not take tokens away for incorrect answers

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Student Training Profiles – Higher Profiles

- Higher Training Profiles (by default)
  - For chronologically older or developmentally higher students
  - Starts items higher in train mode steps
  - Takes less correct responses to advance
  - Provides less practice in all training modes
  - Provides tokens only for un-prompted trials
  - Takes tokens away for incorrect answers

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Generalization

- Automatic Generalization facilitated by:
  - Multiple SDs (instructions to student)
    - Show me the ball
    - Find the ball
    - Where is the ball

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Generalization

- Automatic Generalization facilitated by:
  - Photo Icons
    - Actual or realistic images of things
    - Plain or no background
    - Easier to relate to real world than cartoon or drawing
    - Critical for lower developmental levels
    - Work for higher developmental levels

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Generalization

- Automatic Generalization facilitated by:
  - Control of visual information
    - Minimize or eliminate extraneous information
    - Replicate extraneous information across items
      - Example… in family members program, all actors are wearing red shirt to eliminate their shirt being a coincidental distinguishing feature.

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Generalization

- Automatic Generalization facilitated by:
  - Multiple Exemplars (example images)

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Training Screen

- Non-distracting
  - Not busy with irrelevant information
- Not cartoonish!
  - Appropriate for all ages

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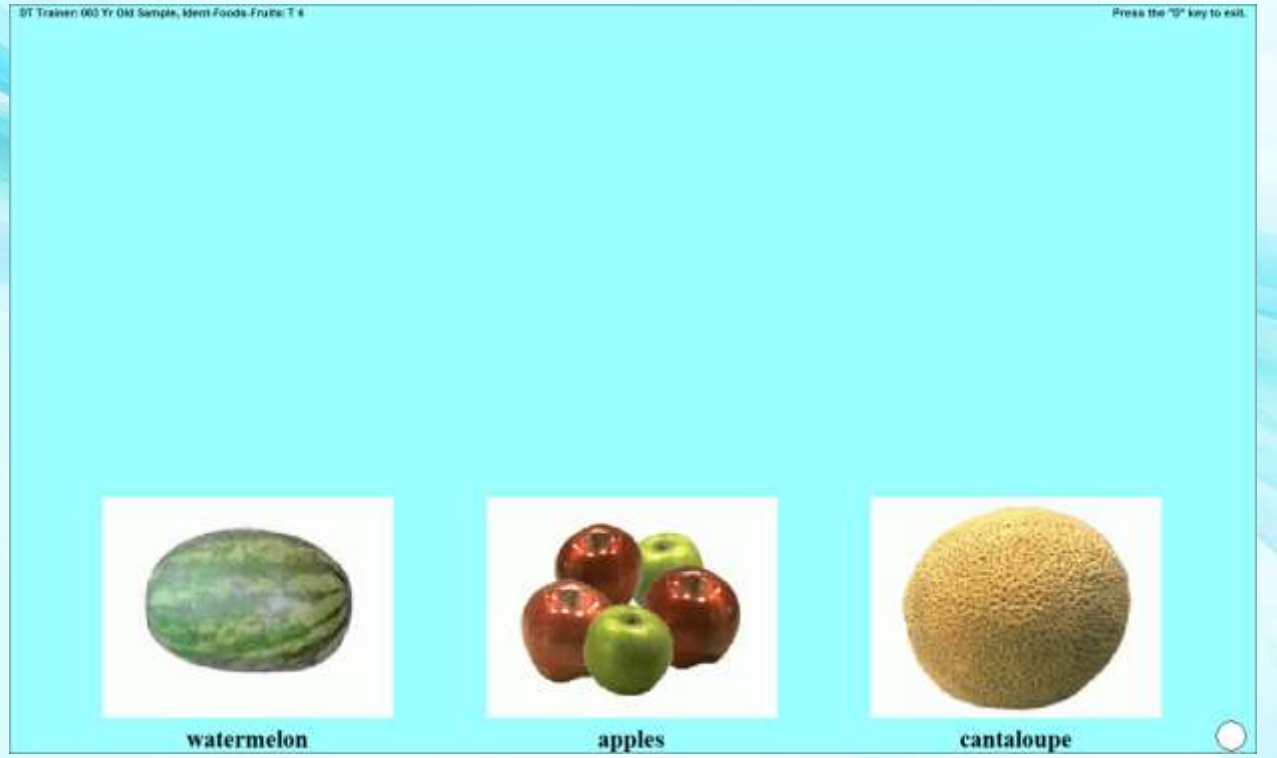
Training Screen Formats

Basic

Just target Item + 0, 1, or 2 distractors



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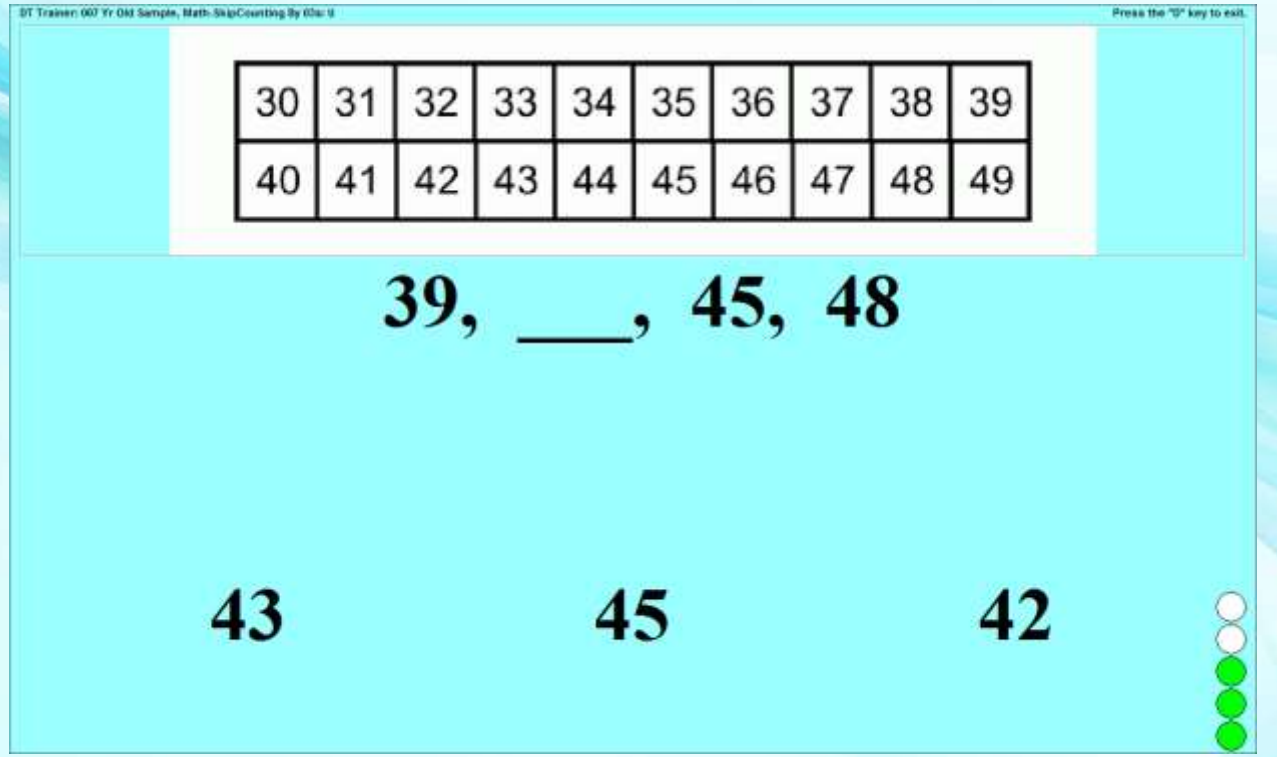
Training Screen Formats

With Banner

Top banner of screen has trial information.
The rest of screen has target item and distractors.



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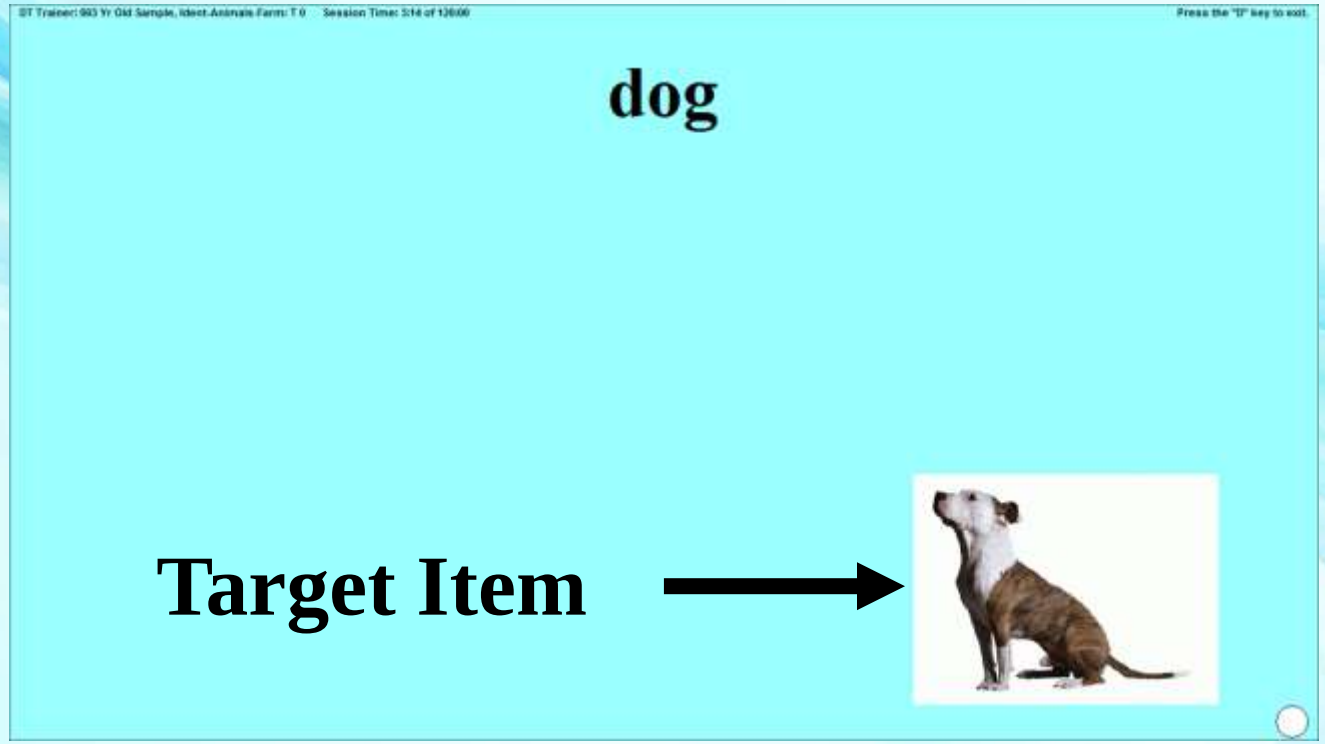
Target Item

The Correct Choice for the Trial



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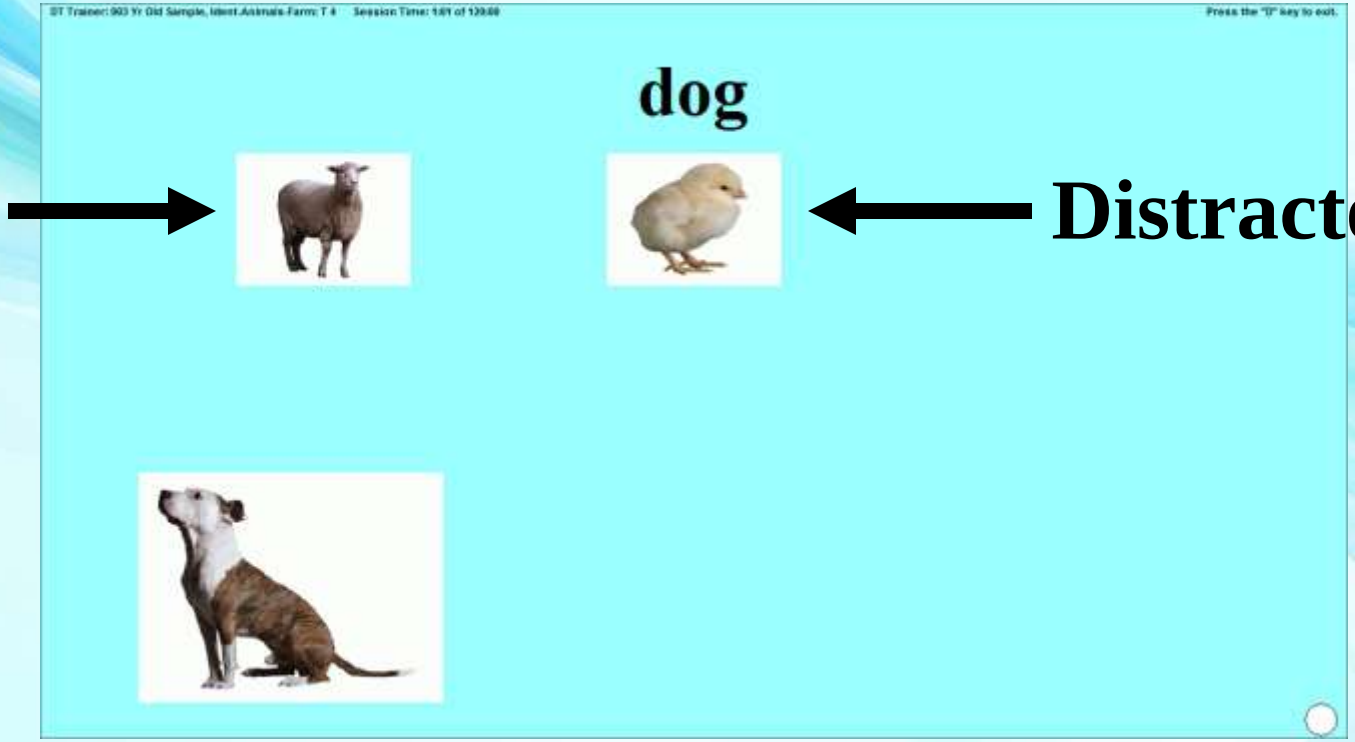
Distractor

An item used to provide the student with an incorrect alternative to the Target Item



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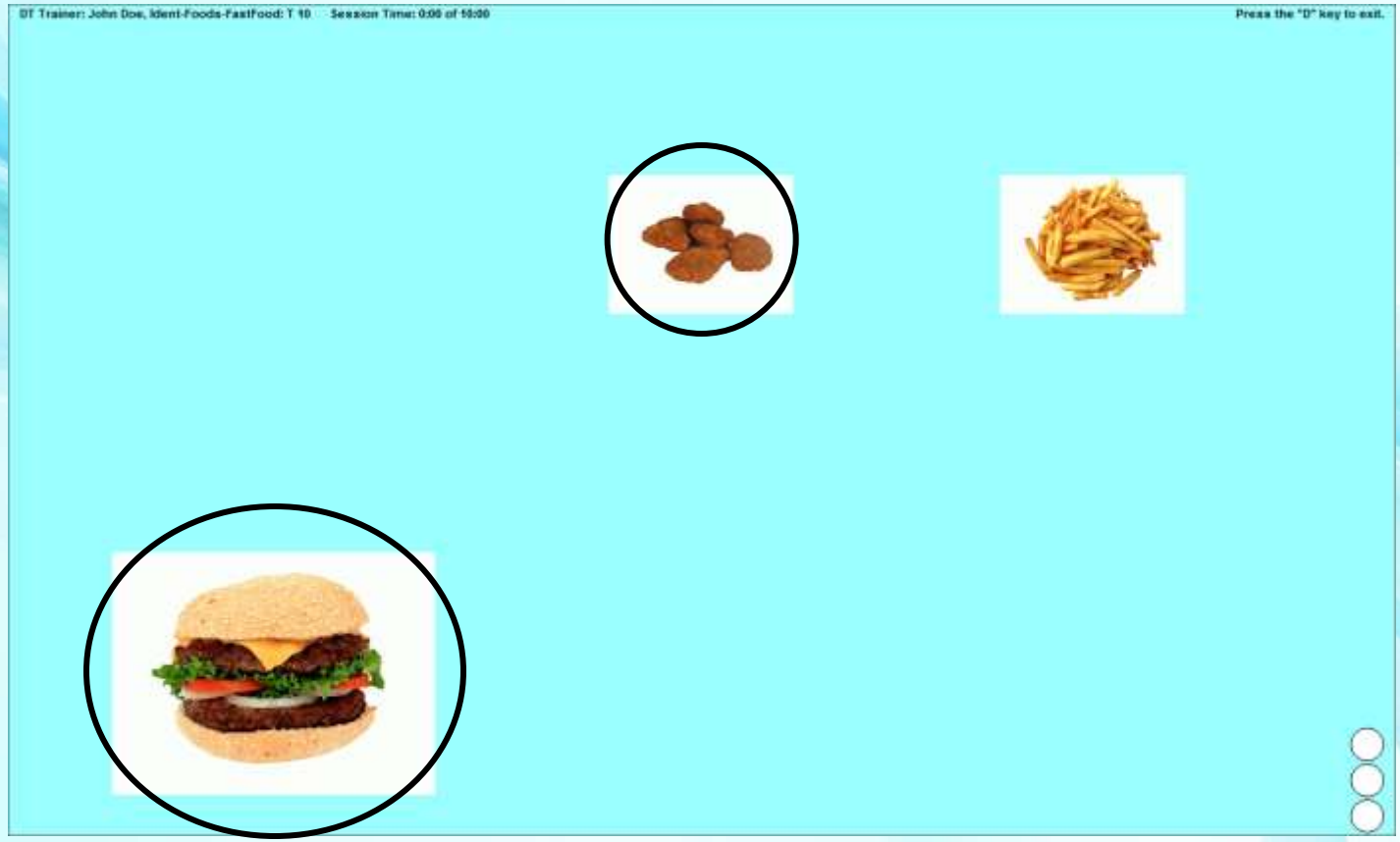
Prompts

Prompts include visual clues of position or size



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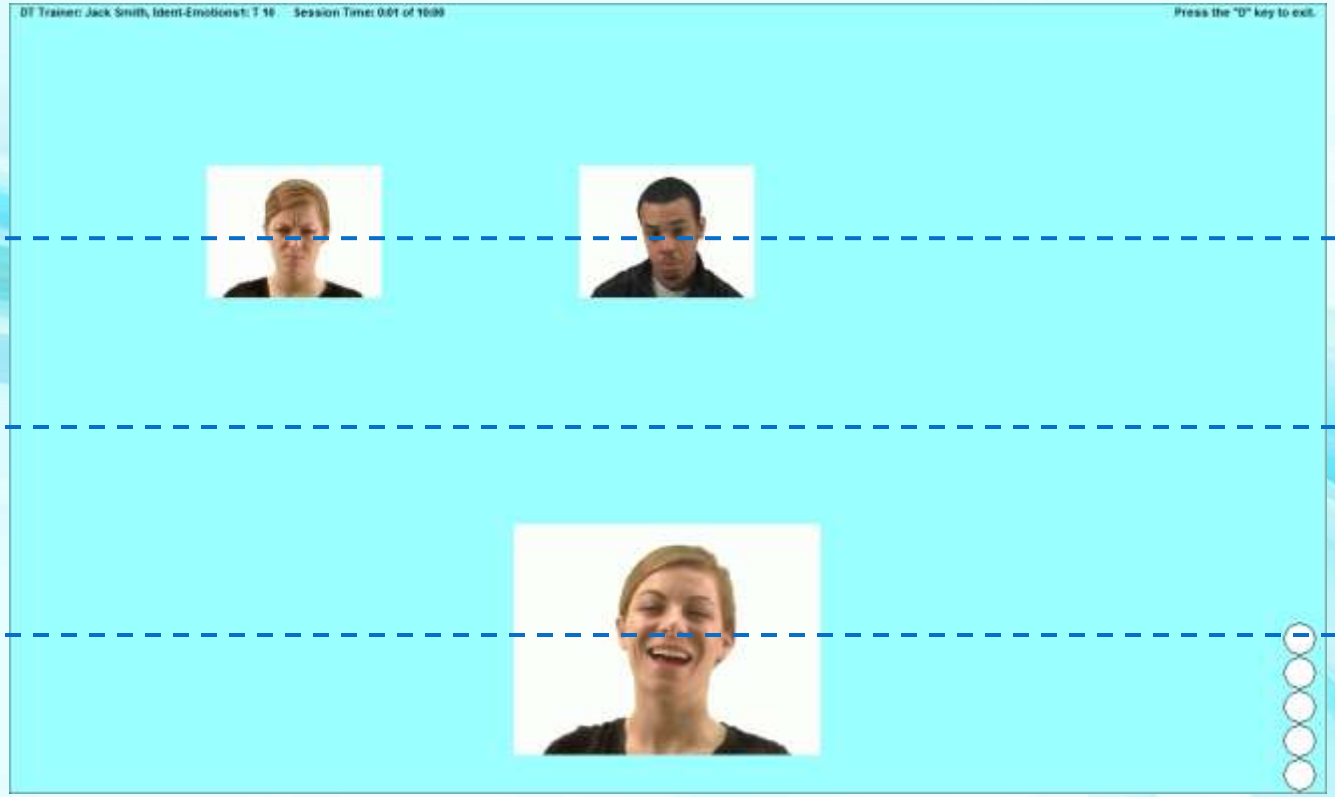
Rows 3-2-1

3-2-1 positional prompting is shown by vertical displacement into rows 3, 2, or 1.

ROW 3

ROW 2

ROW 1



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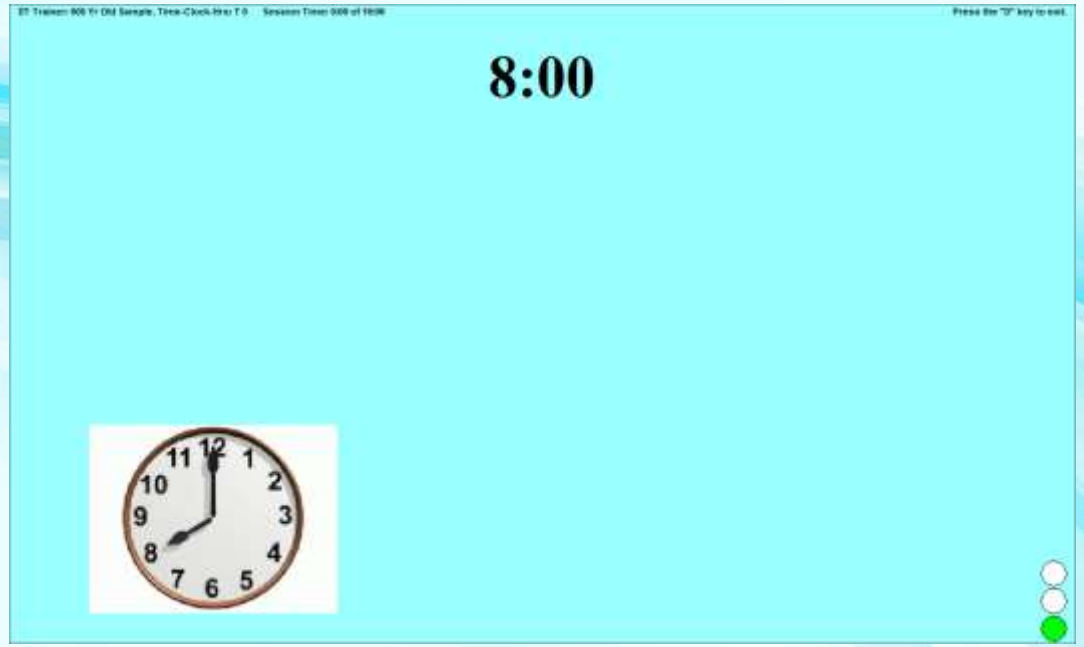
Prompt Level 0 (PL0)

Easiest Level

Only the target item on the screen

PL0



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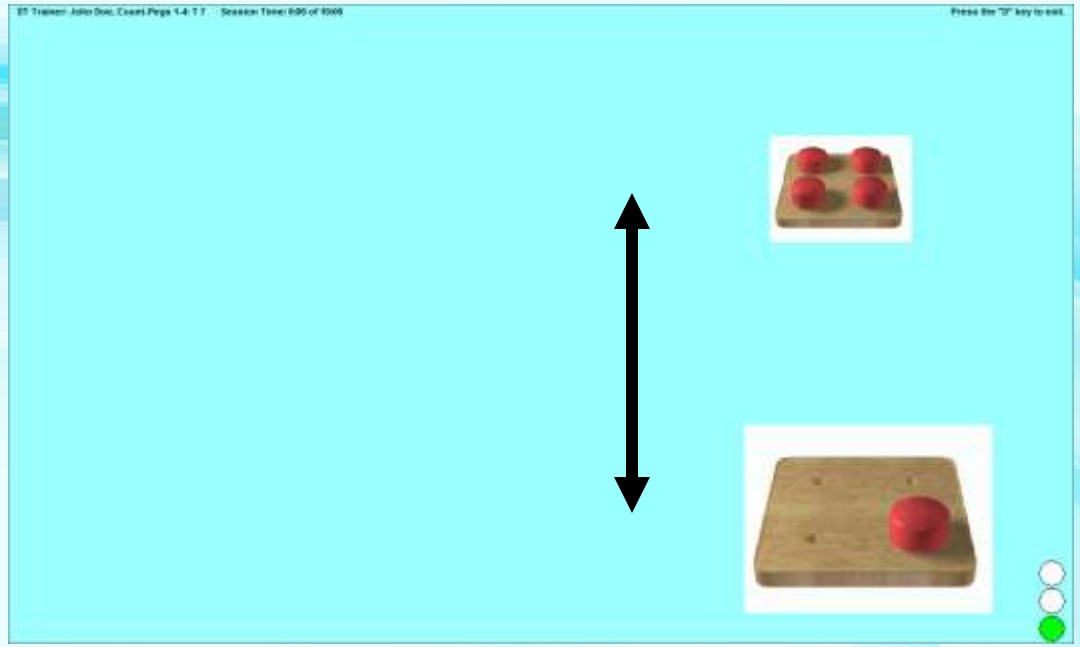
Prompt Level 3 (PL3)

Easy Level

Most displacement and size difference

PL3



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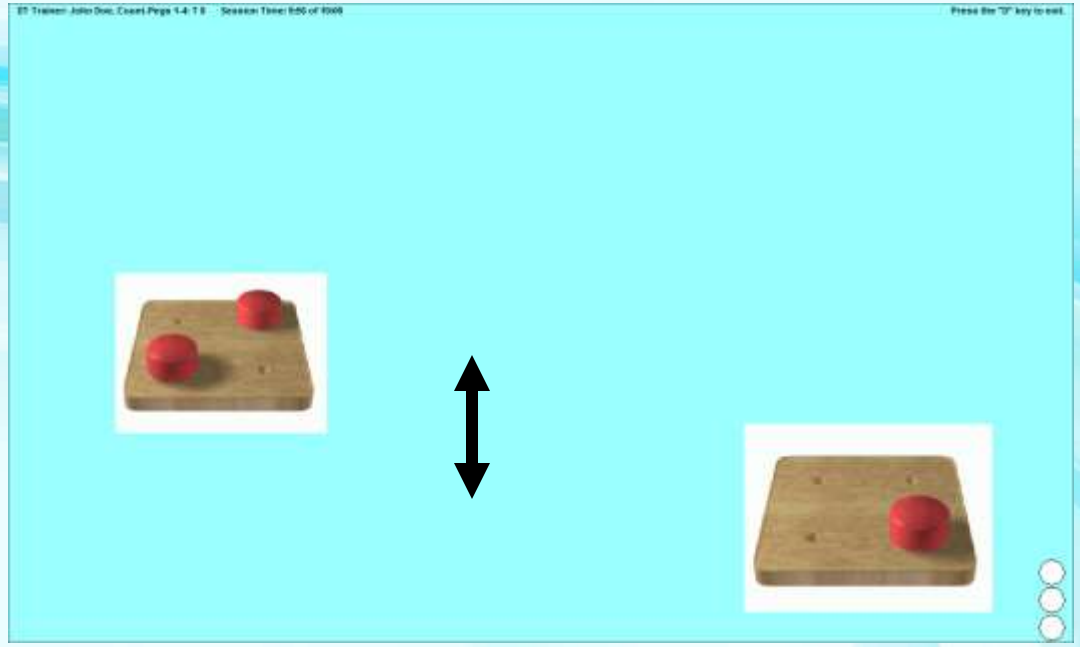
Prompt Level 2 (PL2)

Getting Harder

Less displacement and size difference

PL2



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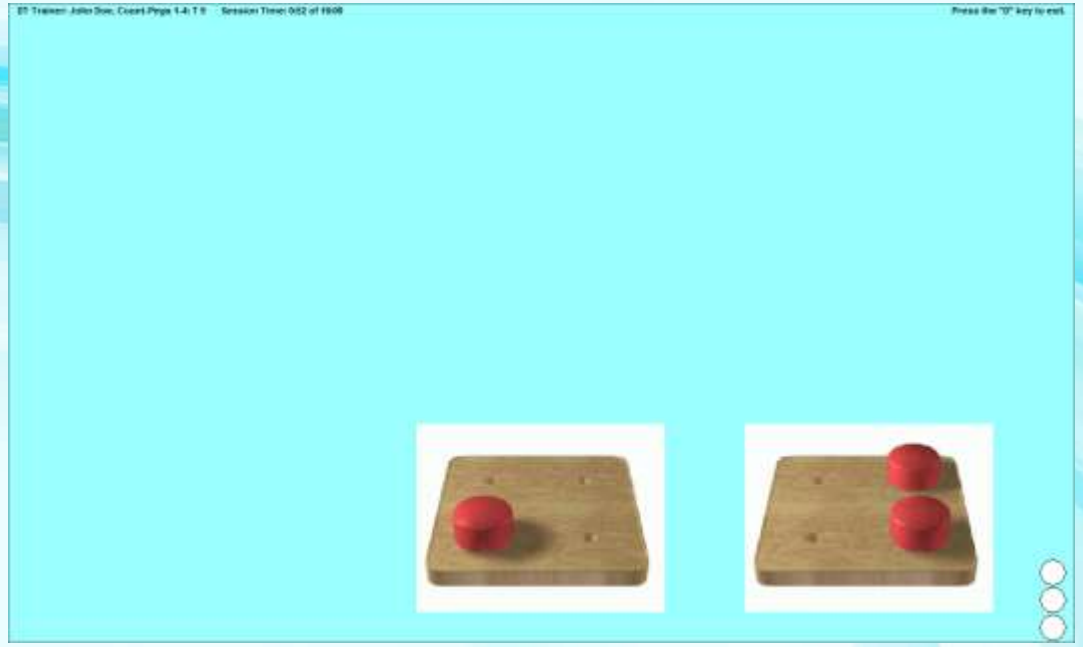
Prompt Level 1 (PL1)

Hardest To Determine – No prompt

No displacement or size difference

PL1



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Train Mode Steps

- 13 Steps

Hardest Trial

12	2FD-PL1	2 Familiar Distractors at Prompt Level 1
11	2FD-PL2	2 Familiar Distractors at Prompt Level 2
10	2FD-PL3	2 Familiar Distractors at Prompt Level 3
9	1FD-PL1	1 Familiar Distractor at Prompt Level 1
8	1FD-PL2	1 Familiar Distractor at Prompt Level 2
7	1FD-PL3	1 Familiar Distractor at Prompt Level 3
6	2NFD-PL1	2 Non-Familiar Distractors at Prompt Level 1
5	2NFD-PL2	2 Non-Familiar Distractors at Prompt Level 2
4	2NFD-PL3	2 Non-Familiar Distractors at Prompt Level 3
3	1NFD-PL1	1 Non-Familiar Distractor at Prompt Level 1
2	1NFD-PL2	1 Non-Familiar Distractor at Prompt Level 2
1	1NFD-PL3	1 Non-Familiar Distractor at Prompt Level 3
0	0 Distractors	Target only… no distractors

Easiest Trial

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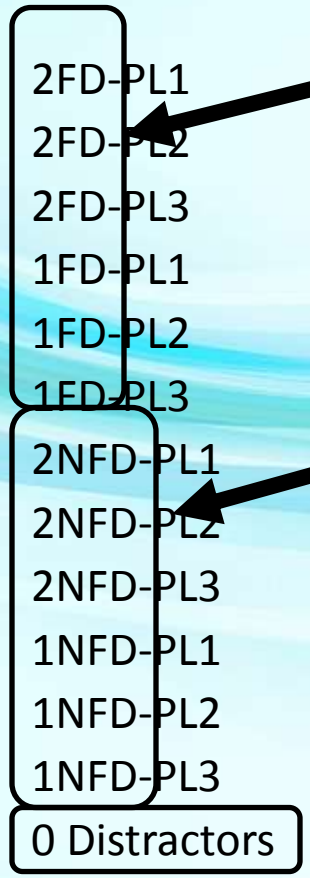
Train Mode Steps

- 13 Steps
  - 12 2FD-PL1
  - 11 2FD-PL2
  - 10 2FD-PL3
  - 9 1FD-PL1
  - 8 1FD-PL2
  - 7 1FD-PL3
  - 6 2NFD-PL1
  - 5 2NFD-PL2
  - 4 2NFD-PL3
  - 3 1NFD-PL1
  - 2 1NFD-PL2
  - 1 1NFD-PL3
  - 0 0 Distractors



Uses 1 or 2 FD: Familiar Distractors

Uses 1 or 2 NFD: Non-Familiar Distractors

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Train Mode Steps

- 13 Steps
  - 12 2FD-PL1
  - 11 2FD-PL2
  - 10 2FD-PL3
  - 9 1FD-PL1
  - 8 1FD-PL2
  - 7 1FD-PL3
  - 6 2NFD-PL1
  - 5 2NFD-PL2
  - 4 2NFD-PL3
  - 3 1NFD-PL1
  - 2 1NFD-PL2
  - 1 1NFD-PL3
  - 0 0 Distractors

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Train Mode Steps

- 13 Steps
  - 12 2FD-PL1
  - 11 2FD-PL2
  - 10 2FD-PL3
  - 9 1FD-PL1
  - 8 1FD-PL2
  - 7 1FD-PL3
  - 6 2NFD-PL1
  - 5 2NFD-PL2
  - 4 2NFD-PL3
  - 3 1NFD-PL1
  - 2 1NFD-PL2
  - 1 1NFD-PL3
  - 0 0 Distractors

PL3 - Maximum Prompt
Distractors on Row 3

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Train Mode Steps

- 13 Steps
  - 12 2FD-PL1
  - 11 2FD-PL2
  - 10 2FD-PL3
  - 9 1FD-PL1
  - 8 1FD-PL2
  - 7 1FD-PL3
  - 6 2NFD-PL1
  - 5 2NFD-PL2
  - 4 2NFD-PL3
  - 3 1NFD-PL1
  - 2 1NFD-PL2
  - 1 1NFD-PL3
  - 0 0 Distractors

PL2 - Some Prompt
Distractors on Row 2

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Train Mode Steps

- 13 Steps
  - 12 2FD-PL1
  - 11 2FD-PL2
  - 10 2FD-PL3
  - 9 1FD-PL1
  - 8 1FD-PL2
  - 7 1FD-PL3
  - 6 2NFD-PL1
  - 5 2NFD-PL2
  - 4 2NFD-PL3
  - 3 1NFD-PL1
  - 2 1NFD-PL2
  - 1 1NFD-PL3
  - 0 0 Distractors

PL1 - No Prompt

Distractors on Row 1 (same as target)

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Train Mode Steps

- 13 Steps
  - 12 2FD-PL1
  - 11 2FD-PL2
  - 10 2FD-PL3
  - 9 1FD-PL1
  - 8 1FD-PL2
  - 7 1FD-PL3
  - 6 2NFD-PL1
  - 5 2NFD-PL2
  - 4 2NFD-PL3
  - 3 1NFD-PL1
  - 2 1NFD-PL2
  - 1 1NFD-PL3
  - 0 0 Distractors

Selecting Training Profile determines starting train step.

- High level training profiles start the student high in the sequence and low level training profiles start the student low in the sequence.
- Items transition between these steps by the student's performance.

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Train Mode Steps

- Train Mode Prompting & Prompt Fading
  - Sequence goes back & forth between prompted & unprompted trials
  - The lower student starts in the sequence
    - More experience before strictly unprompted trials in Random & Maintenance modes
    - Higher advancement criteria also increases amount of practice through sequence
  - Helps student practice success
  - DT Trainer handles the trial complexities for you

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Train Mode Steps

- Train Mode Prompting & Prompt Fading
  - You just need to know enough to understand the reports
  - You should mostly be concerned with student responses:
    - When student is being told the correct answer (PL3 & PL2)
      - High % Correct means student understands prompt
    - When student is not being told the correct answer (PL1)
      - Good % Correct means student is learning
      - Low % Correct means student is not ready for program

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How It Works

- Section Covered what is going on behind the scenes
- This background will help with configuring students, interpreting reports, and getting a lot more out of the program for a wider range of students

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Part 5 - Administration Overview

- Section Covers:
  - Desktop Icons
  - DT Trainer Administration
    - Tips Tab
    - Registration Tab
    - Common Administration Tab
    - Student Administration Tab

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Administration Overview

- Desktop icons

  - DT Trainer Administration
  - DT Trainer Students – Student training icons
  - DT Trainer User's Guide
  - DT Trainer Videos
    - Being integrated into the product

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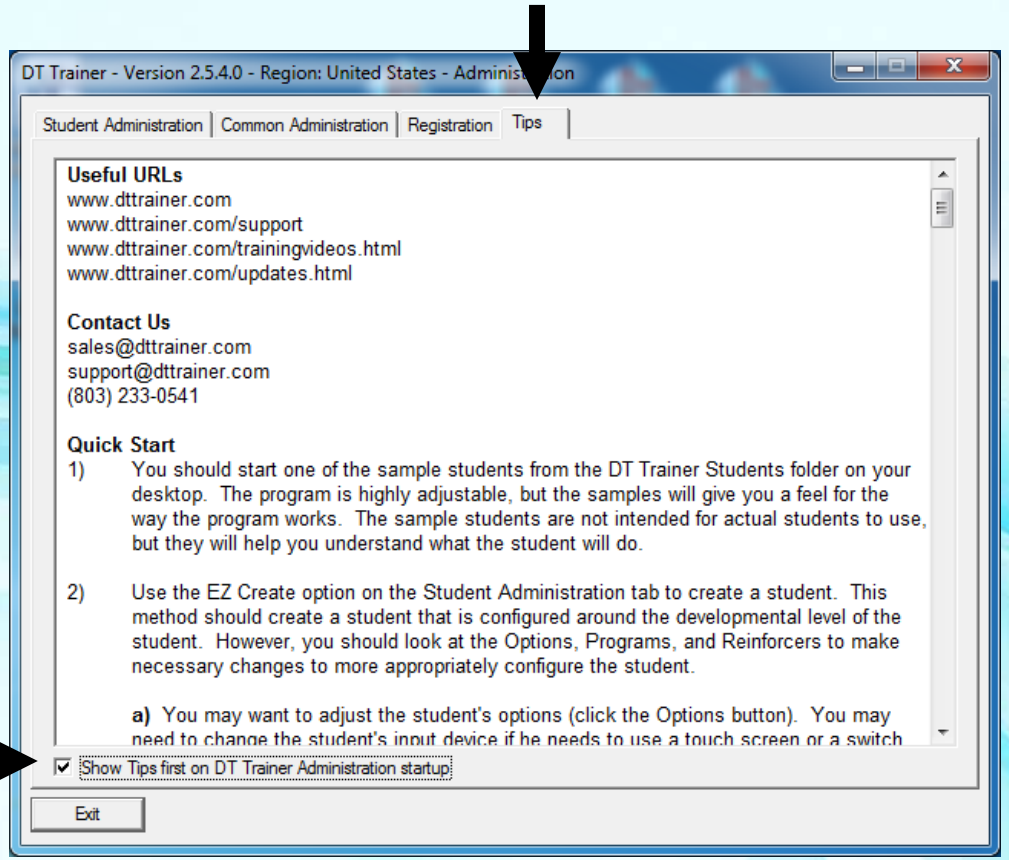
DT Trainer Administration

- Double click DT Trainer Administration desktop icon



- Tips Tab
  - Opens in “Tips” tab.
  - Review tips and then uncheck “Show Tips first on DT Trainer Administration Startup”.

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Scroll down through the tips tab to see what information is there!

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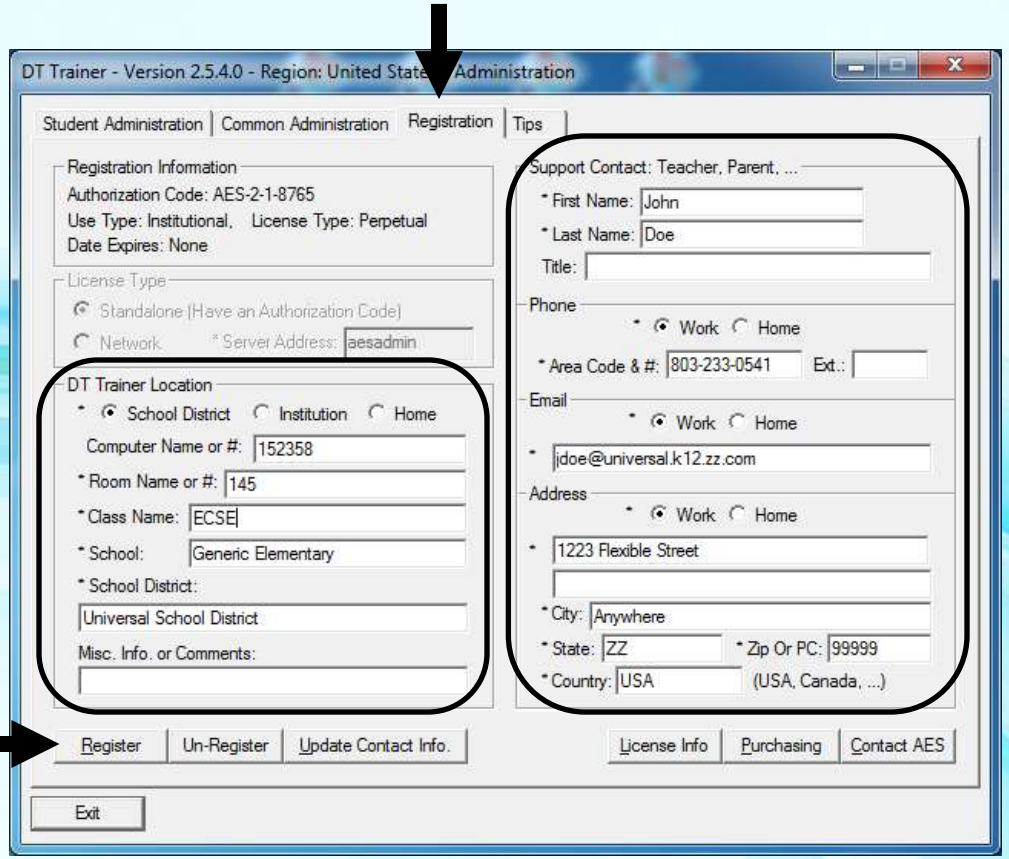
Registration Tab

- Register software under “Registration” tab

- Registration needs to be performed with system administration privileges like IT staff.
  - Note: Home users generally have administrative privileges on their computers.
- Fill out the Contact and Location information.
  - The Contact should be lead teacher as report emails are by default from this contact.
- Click “Register”.



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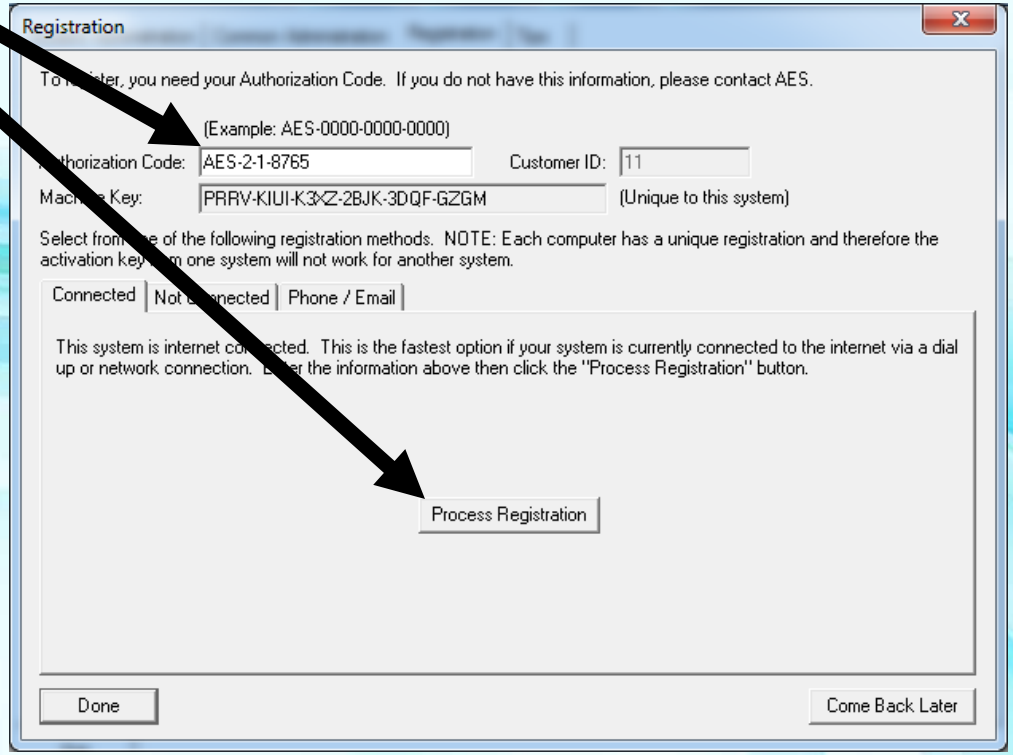
Registration

- Process Registration

- Enter Authorization Code
- Click “Process Registration”
- If successful:
  - the message will be “authorization code accepted.”
- If unsuccessful:
  - Authorization code already in use
  - Authorization code invalid
    - Check for typo or missing “-”s
  - Contact AES providing Authorization Code and error message



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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the registration tab and enter information in the location and contact fields.
  - Click register but you do not need to complete registration now and you or someone will need administrative privileges on the computer to register.

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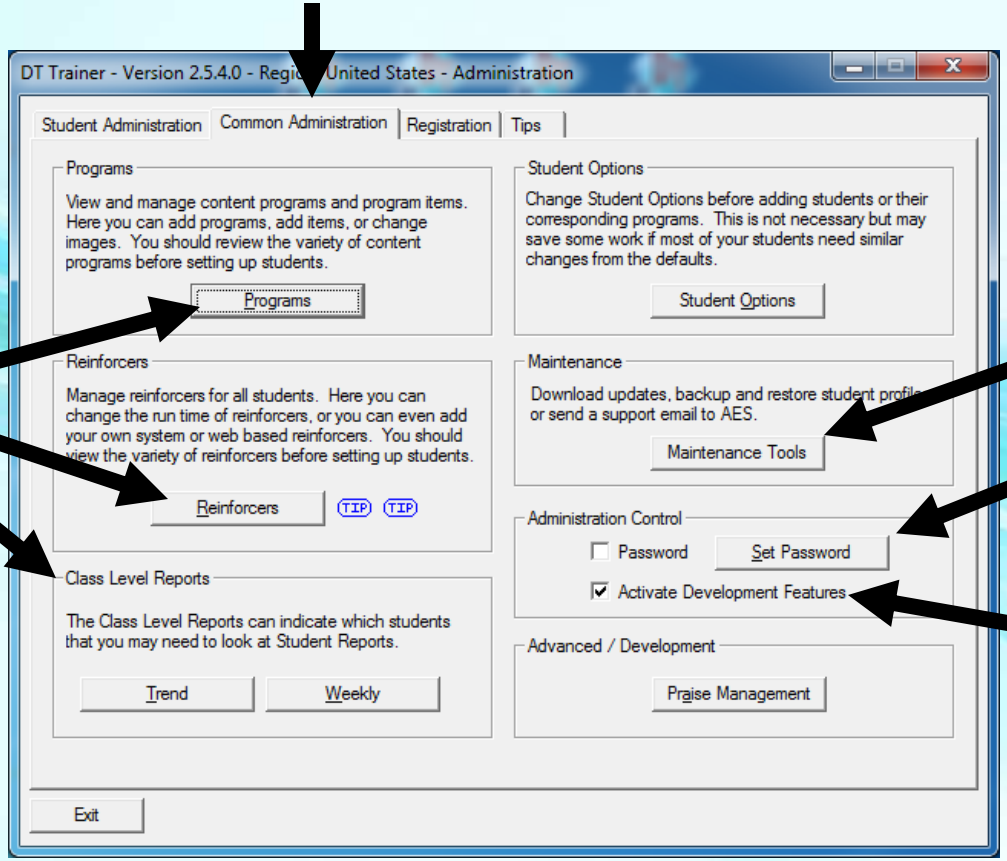
Common Administration Tab

- Access features not specific to student



View
- All Programs
- All Reinforcers
- Class Reports

Access
- Maintenance Tools
- Password setup

Turn On/Off
- Development Features
  - Creating reinforcers

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the common administration tab and poke around to see what is there.

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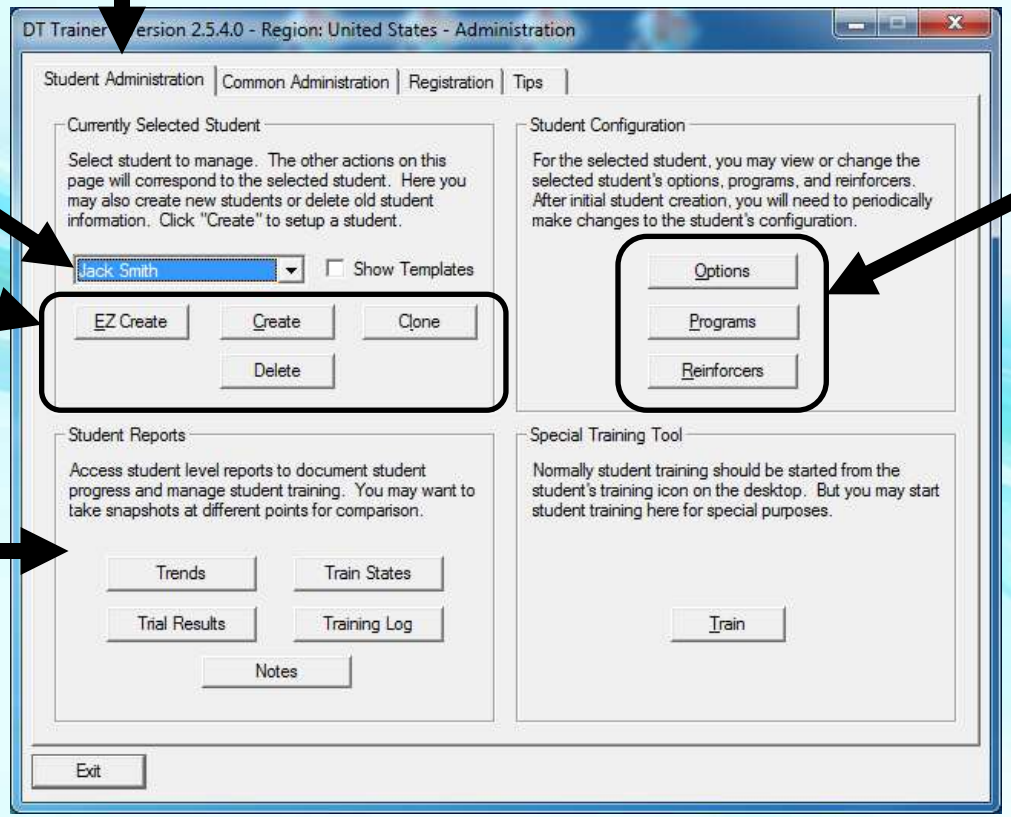
Student Administration Tab

- Setup and manage students

- Student Selection
- EZ Create
  Create
  Clone
  Delete
- Student Reports
  - Trends
  - Train States
  - Trial Results
  - Training Log
  - Notes



- Student Configuration
  - Options
  - Programs
  - Reinforcers

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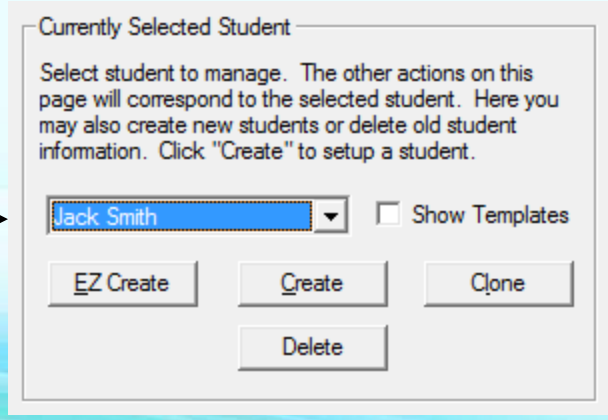
Student Selection

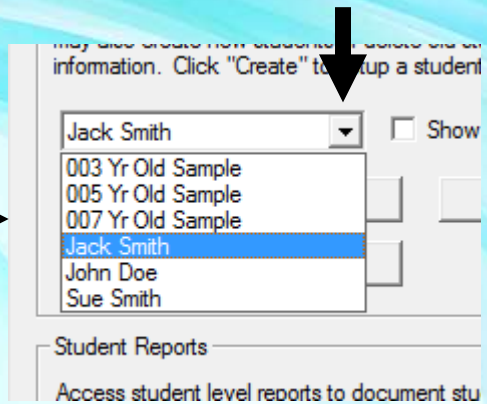
- Selected student shown in drop box

Selected student persists until another student is selected.



- Drop menu to select a student

Select name to access student's options, programs, or reinforcers or to view reports.



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Sample Students

- 3 sample students are provided for you to understand what students sees.
  - 3 Yr Old Sample
  - 5 Yr Old Sample
  - 7 Yr Old Sample
- Launch sample student most like your students or child from the student's training icon in DT Trainer Students Folder.
- Do not use sample students for student training
  - Reports are blocked for sample students

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab and poke around to see what is there.

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Part 6 - Managing Students

- Section Covers:
  - Creating Students
    - EZ Create
    - Create
    - Clone
  - Deleting Students
  - Student Training Icons

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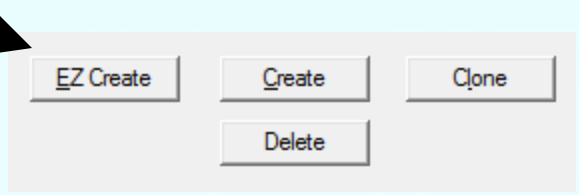
Creating Students – EZ Create



- EZ Create
  - Enter name, chronological age, and developmental age
  - Creates student that MIGHT be appropriate
    - Selects Training Profile, Programs, and Reinforcers
  - If close enough, make changes to student configuration through Options, Programs, & Reinforcers features
  - If configuration not appropriate delete student and use regular Create.

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab and use EZ Create to create a student.

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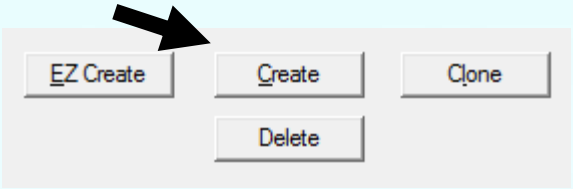
Creating Students - Create



- Create
  - You select options, programs, and reinforcers
  - Not hard but you need to know a little more about program than with EZ Create
  - If unsure of a setting, use the default provided.
  - At any time later, you can make changes to student configuration through Options, Programs, & Reinforcers features.
  - If you do not like the configuration, you can either adjust or delete student and start over.

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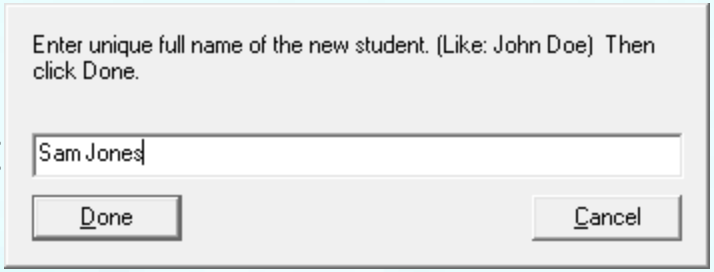
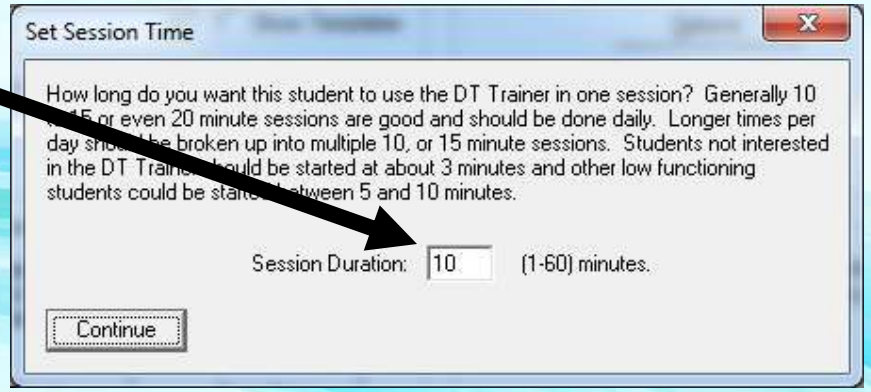
Create Student - Name

- Enter student's name
  - Recommend using student's first & last name



- Enter Session Duration
  - Students that can stay on task may be able to start with 15 to 20 minute sessions.



  - Students that cannot stay on task very long may need to start with 2 or 3 minute sessions.
  - If unsure, start with 10 minute (default) and later adjust.

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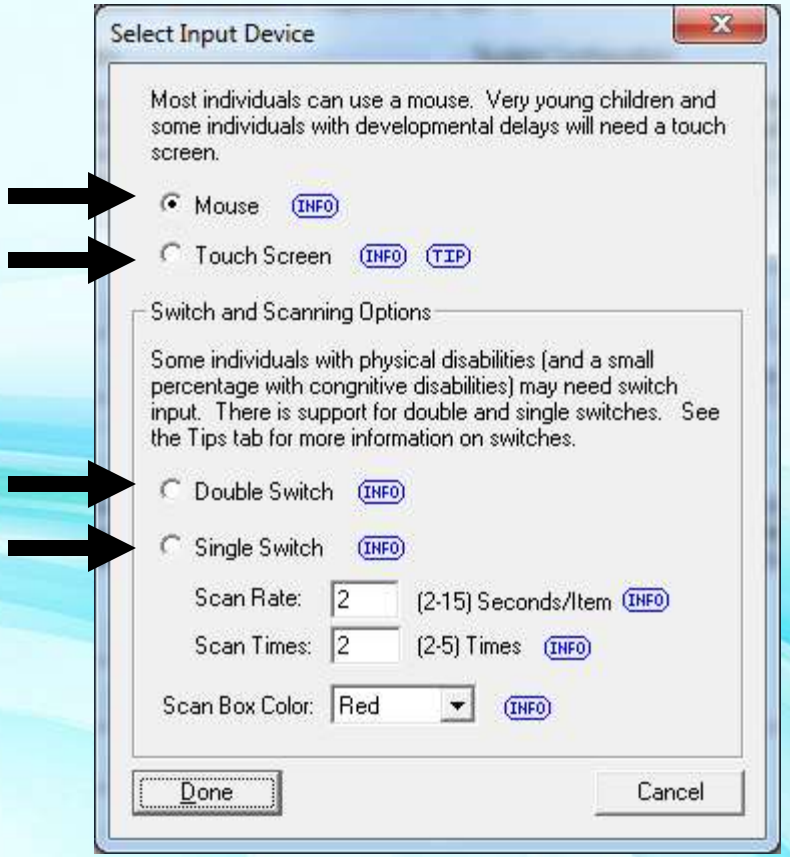
Create Student – Input Device

- Choose input device
  - Mouse
  - Touch Screen
  - Double Switch
    - One switch advances
    - The other switch selects
  - Single Switch
    - Select scan rate and times
    - Select bounding box color



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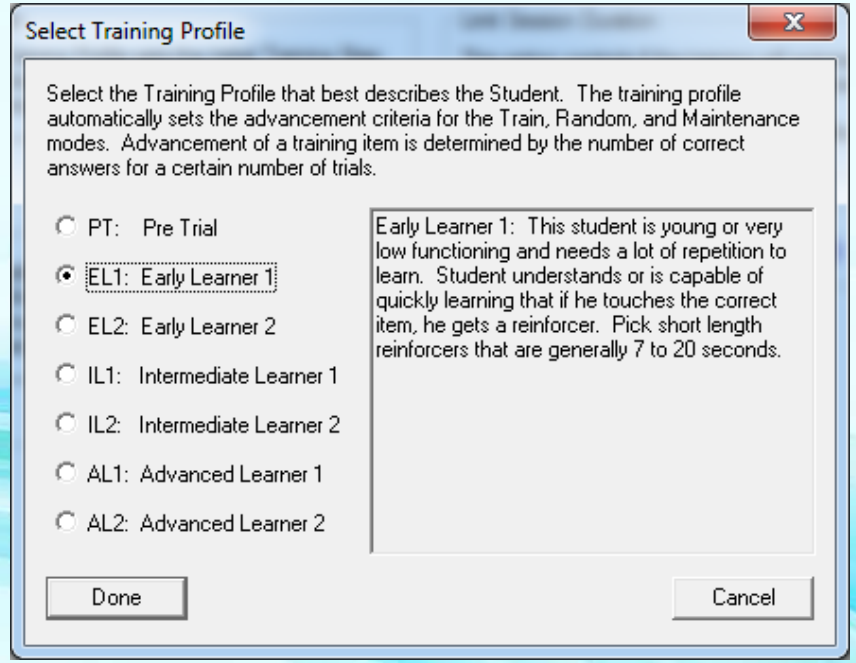
Create Student - Profile

- Select Training Profile
- Profiles
  - Pre Trial
  - Early Learner 1
  - Early Learner 2
  - Intermediate Learner 1
  - Intermediate Learner 2
  - Advanced Learner 1
  - Advanced Learner 2
- Accommodate from very slow to fast learners
- DT Trainer also offers a “Reinforcer Only” mode



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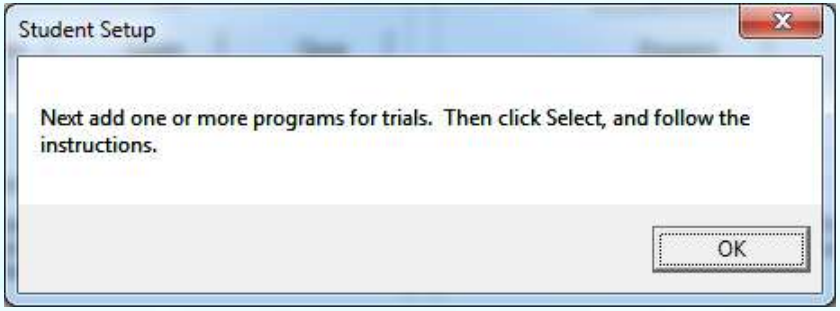
Create Student – Add Programs

- Add Content Programs
- Should have previewed Content Programs



- Many students have already been assessed. Use previous assessments and IEP goals in selection of DT Trainer content programs for student.
- There is also an assessment feature in the DT Trainer that will allow you to run pre, post or other tests.
- Add programs student does not know, partially knows, or knows but needs practice or generalization.

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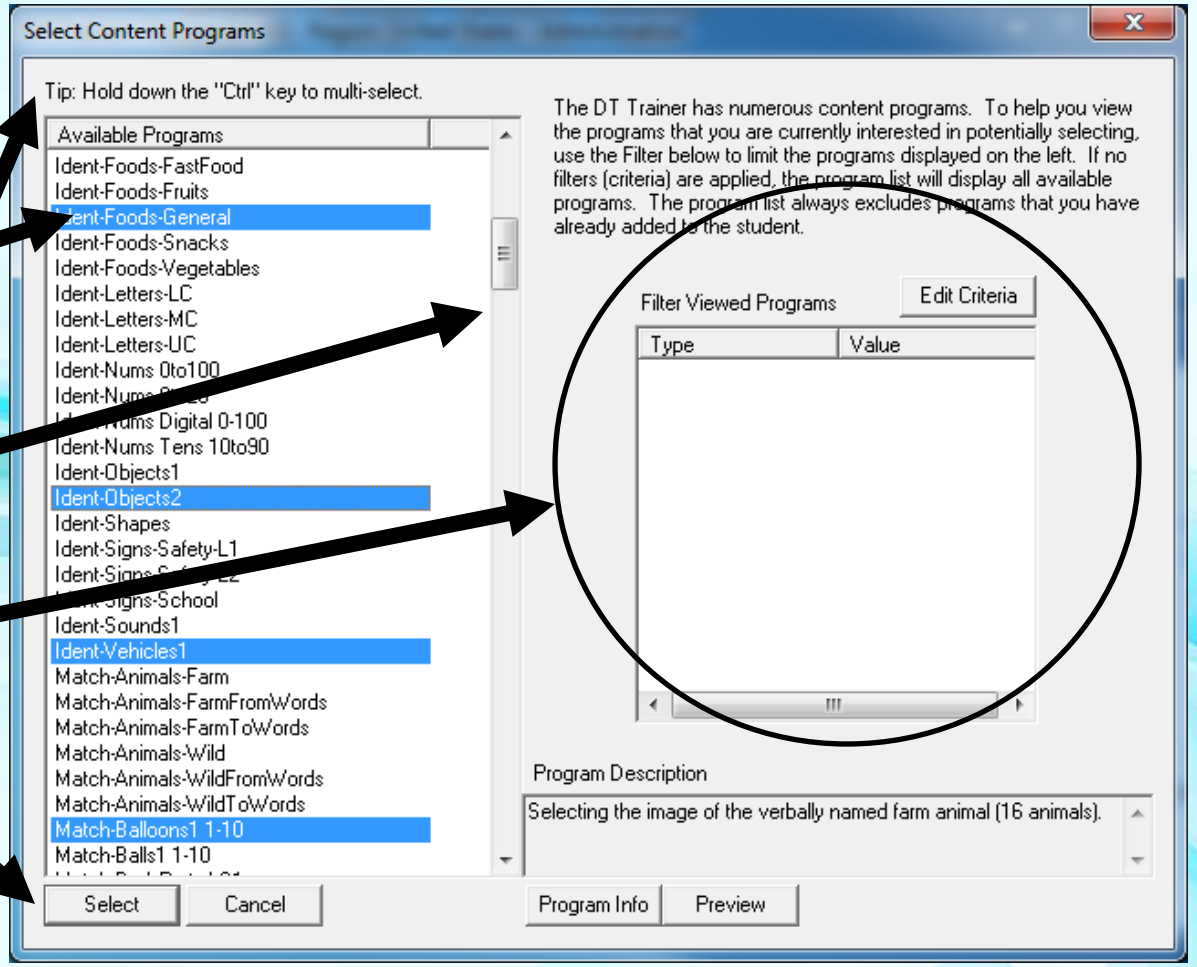
Create Student – Add Programs

- Select content programs to add.
- Holding down “ctrl” key, click desired programs.
- Use vertical scroll bar to view all programs.
- Apply filters if helpful.

- Click the Select button when done.



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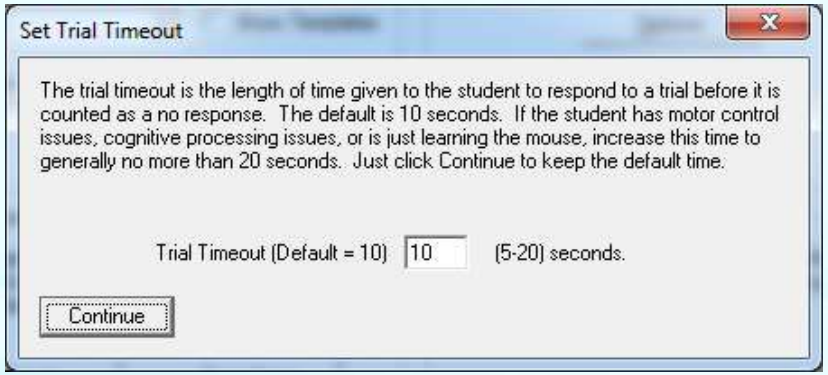
Create Student – Trial Timeout

- Set the trial timeout
- Usually use the default of 10 seconds.
- You can change this later.



- For most students, 10 seconds is ample time to answer basic problems.
  - Content programs that require a processing time automatically add some time to the trial timeout time.
- Students with motor control or other issues may need longer trial times like 20 seconds.

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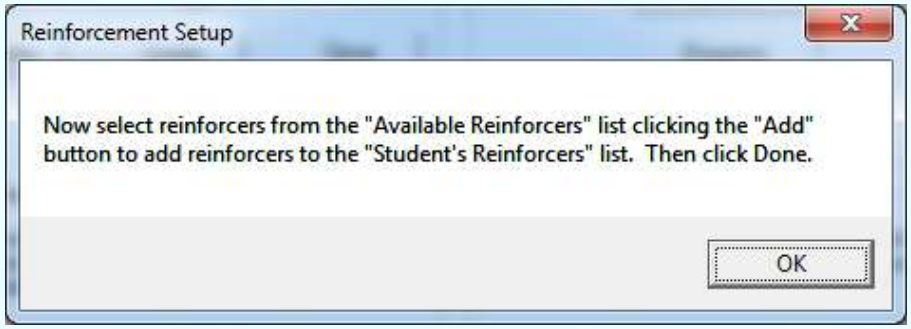
Create Student – Add Reinforcers

- Add Reinforcers
- You will be able to alter list at any point later.



- You should have previously previewed reinforcers.
- Higher students generally like new and different.
- Low students generally like familiar.
  - Use your knowledge of student to pick reinforcers
  - Sit beside student previewing reinforcers to see what student likes.

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Create Student – Add Reinforcers

- Just pick some reinforcers and watch response of student. Then adjust student's reinforcers list as appropriate.
- May want to create some reinforcers for student.
  - Create reinforcers under Common Administration then add to specific students under Student Administration.

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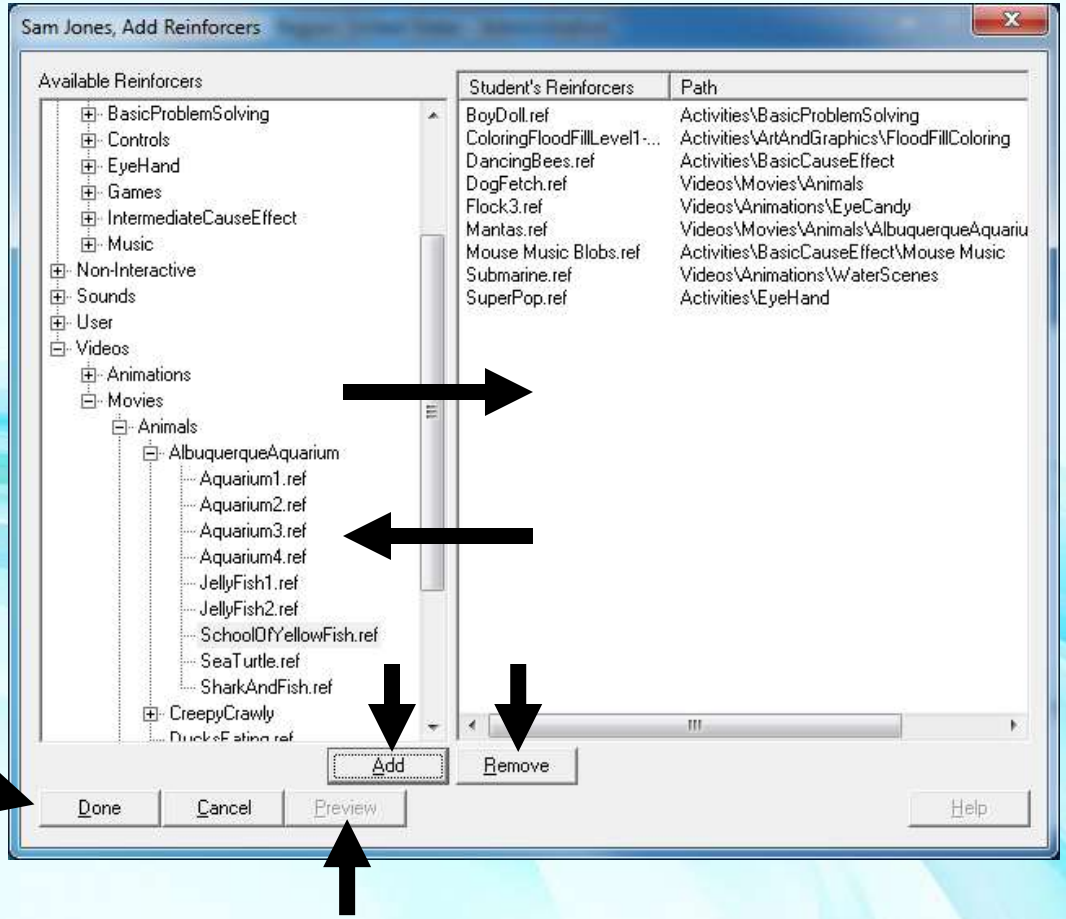
Create Student – Add Reinforcers

- Expand left list and double click reinforcers or click “Add” button
- Add and Remove reinforcers to/from right “Student’s Reinforcers” list
- Preview reinforcers to refresh you memory
- Click Done when satisfied



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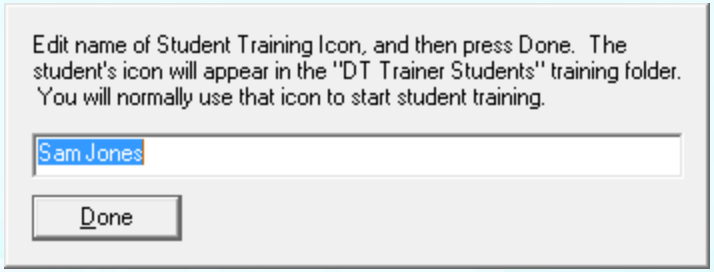
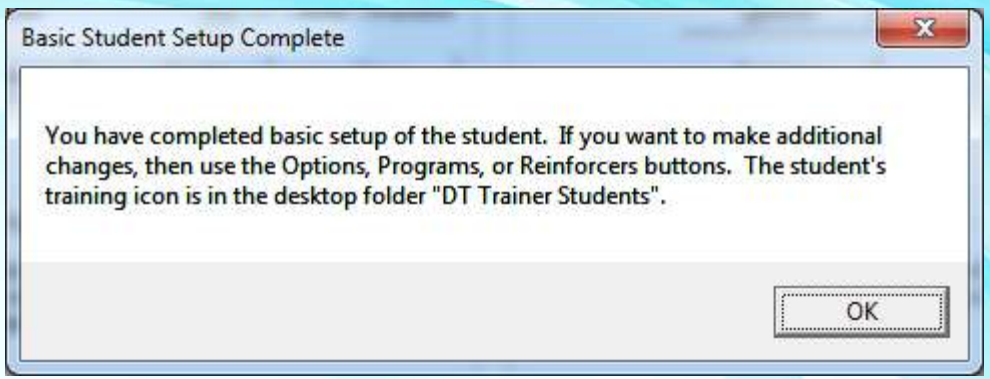
Create Student – Icon Name

- Edit student's training icon name – if desired



- Done creating student – at least first pass
  - Use Options, Programs, or Reinforcers buttons to make adjustments now or as needed in the future.
  - Observe student's performance and use reports to drive changes to student's training.



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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab and use Create to create a student.

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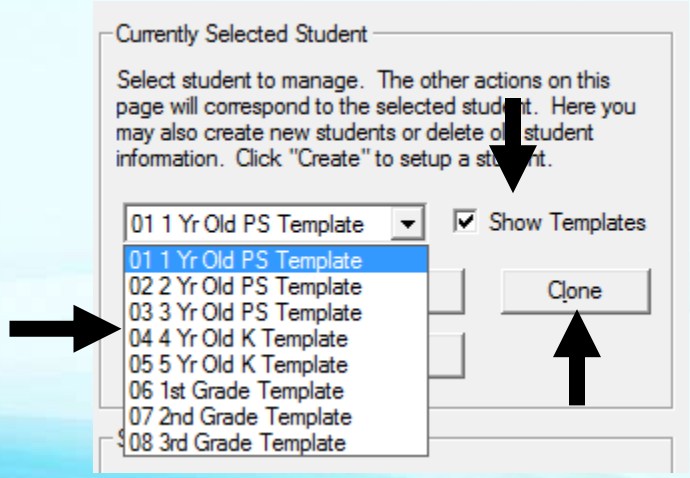
Creating Students - Clone

- Clone
  - Select student to clone
    - Select Student
      - Select actual student
      - Or select template student
        - » Check “Show Templates”
        - » Then Select Template
    - Click the Clone button
  - Templates
    - Can use default templates
    - Can create templates by naming the student with the student last name “Template”
    - Cloning can be convenient if one or more students are like some of our templates or if you can create a template that would be useful.



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  - Select the student administration tab and use Clone to create a student.

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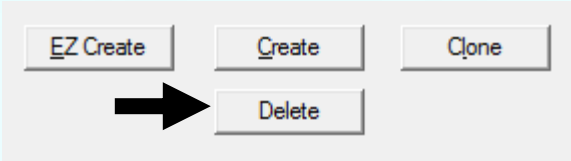
Deleting Students



- Delete
  - Select Student
  - Click Delete
  - Only delete student if you do not need the student configuration and data anymore

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab and select one of the practice students you created and delete the student.

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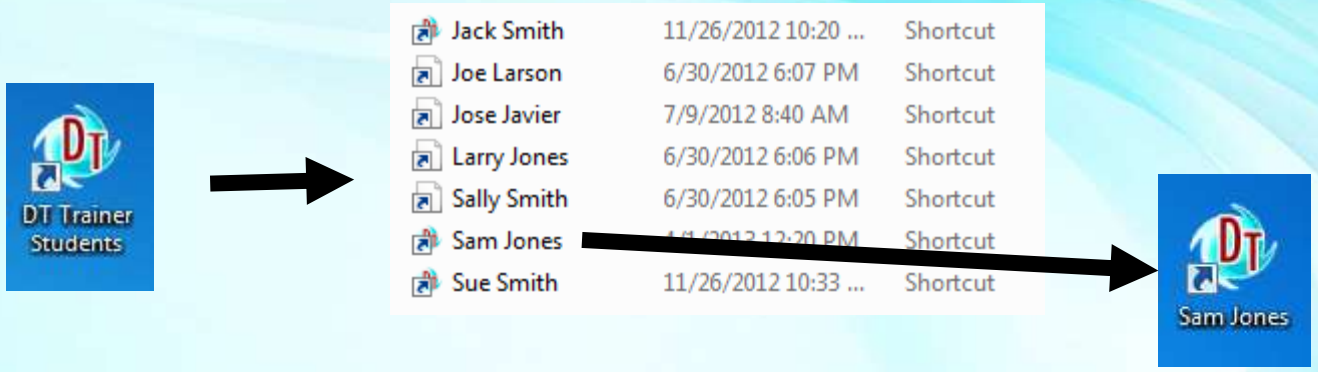
Student Training Icons

- Each student has an associated training icon
  - Creating student creates student training icons
    - On Desktop (if able)
    - In "DT Trainer Students" Folder
  - Student or teacher can start student's session from the icon.
- If not automatically created, copy a student icon to the desktop
  - With admin privileges, Open DT Trainer Students list from desktop icon
    - Double click icon to open students folder
  - Right mouse button drag to the desktop selecting the copy option.



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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Open the DT Trainer Students folder and right mouse button drag a student icon to the desktop making a copy or shortcut.

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Part 7 - Making Changes

- After creating a student
  - Check for further adjustments
- Periodically / As needed
  - Alter content programs
  - Change reinforcers
  - Change training options

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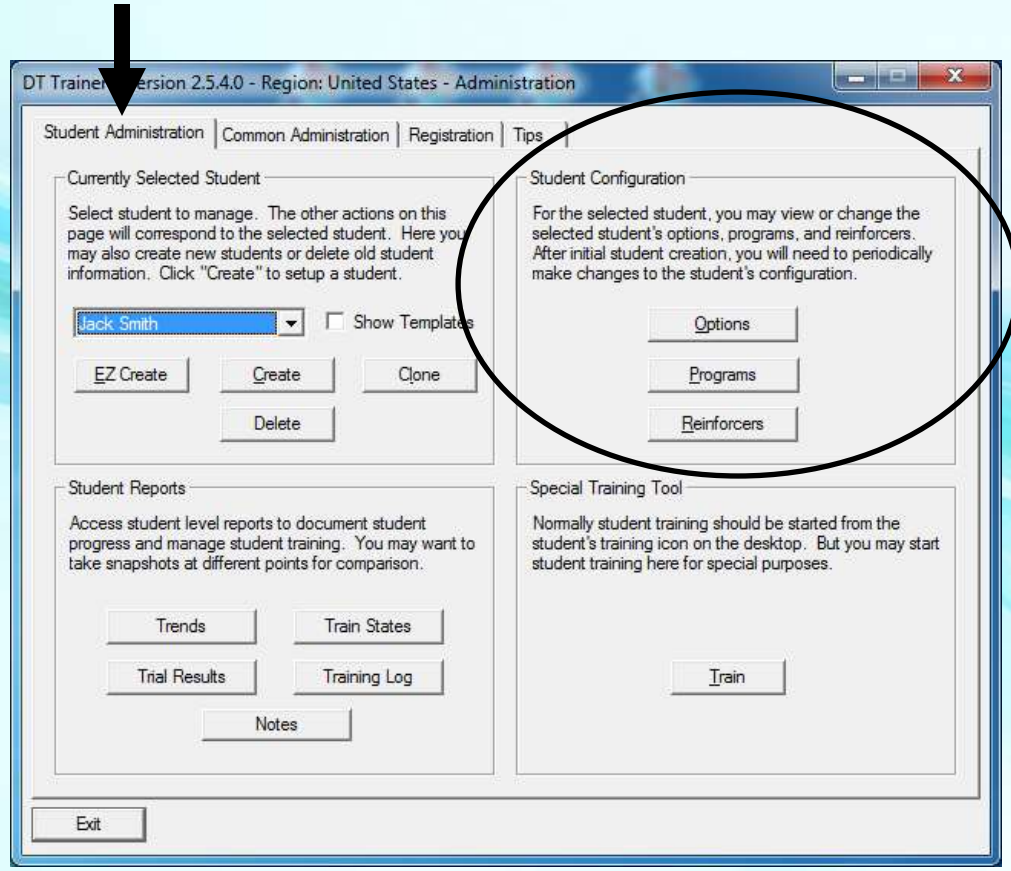
Student Configuration

- Select Student Administration tab



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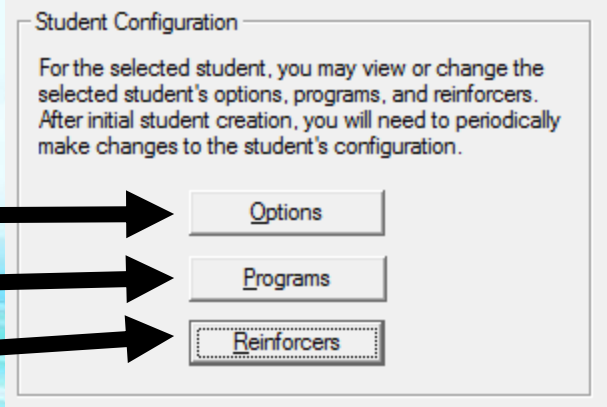
Student Configuration

- You can view and change the student's configuration from the Student Administration tab from the buttons:
  - Options
  - Programs
  - Reinforcers



- Most options are defaults or were set by
  - selecting training profile
  - Choosing content programs and reinforcers

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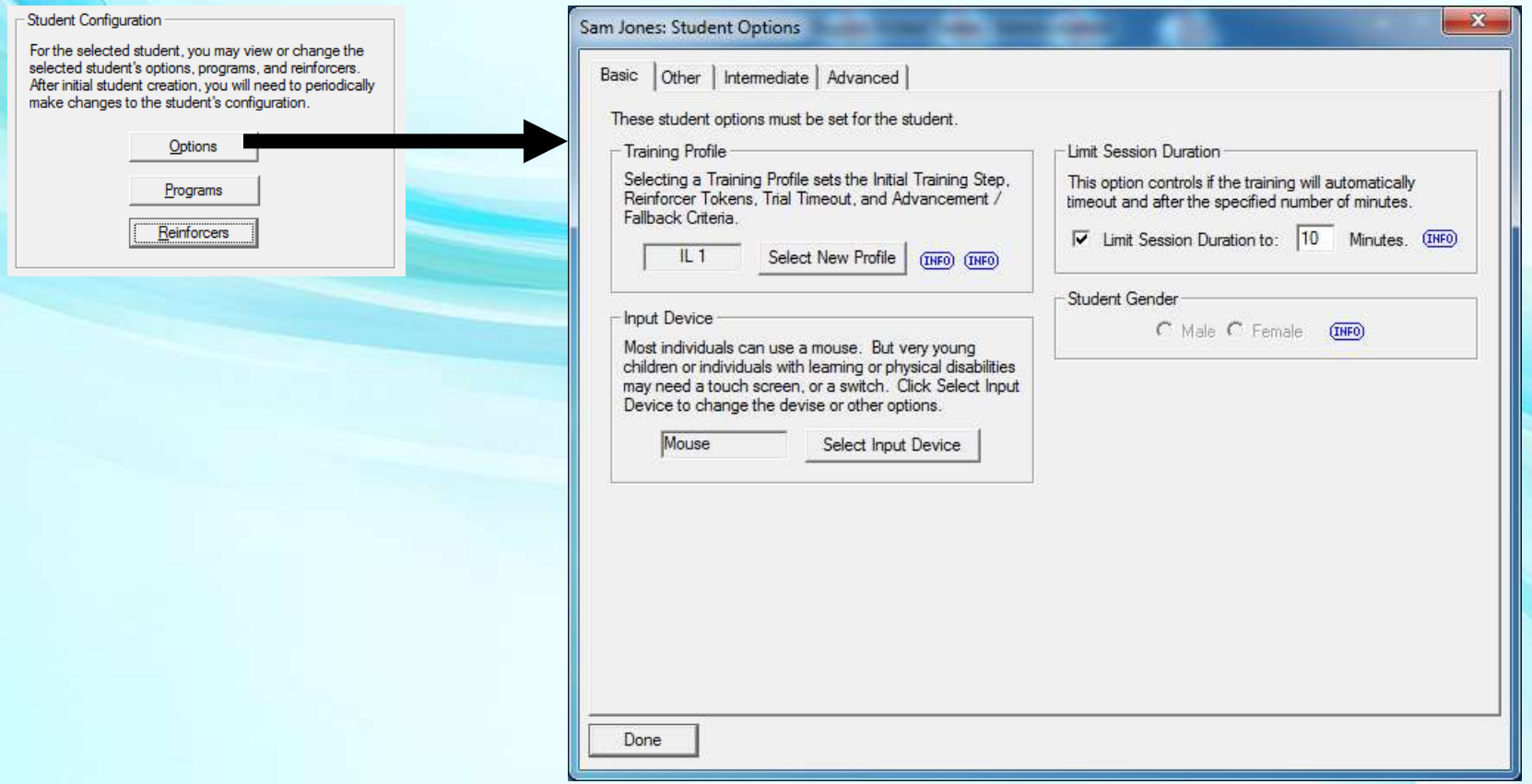
Student Configuration - Options

- Click “Options” from Student Administration



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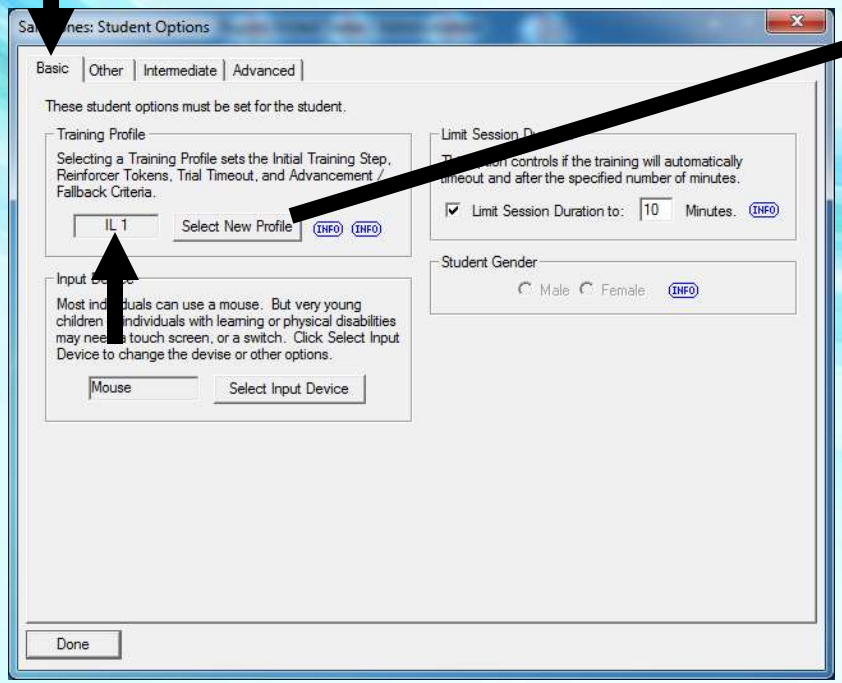
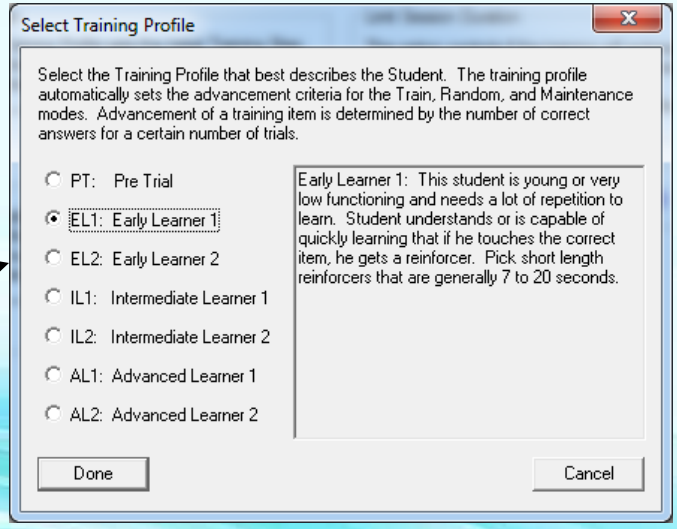
Student Options - Basic

- Basic Tab
- Training Profile





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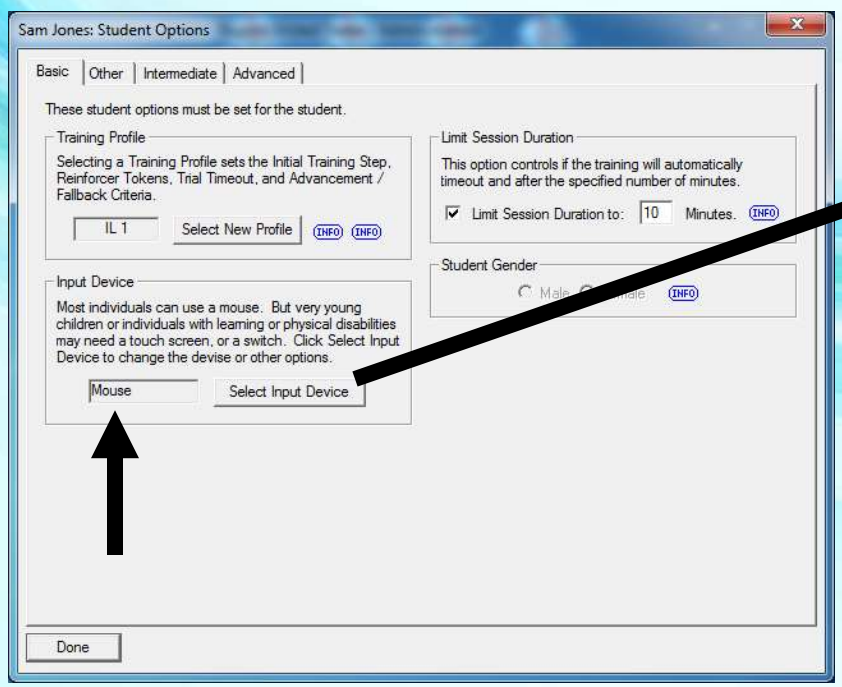
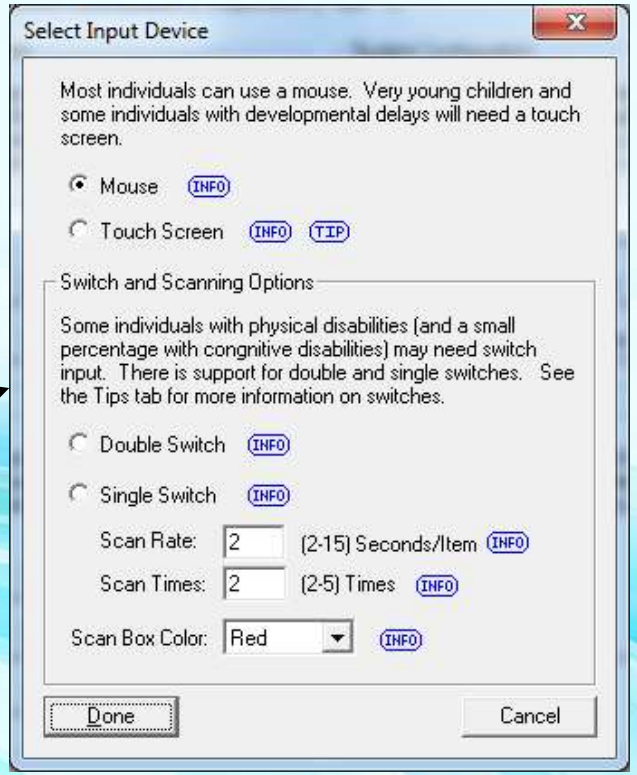
Student Options - Basic

- Input Device





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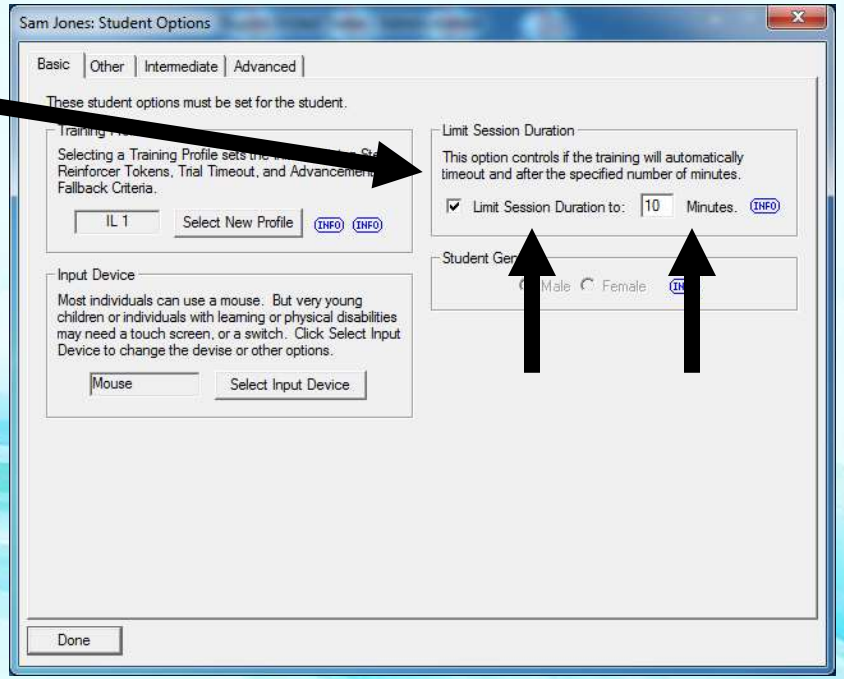
Student Options - Basic

- Session Duration
  - Minutes
    - Default 10
    - 2-3 to start for low students
    - Generally 15 to 20 max
  - "Limit Session Duration"
    - Checked is normal setting
    - Unchecked can be used in home situations where a student would use the DT Trainer for a while and then walk away until ready to use again. The DTT displays a GO screen until the student is ready to use again.



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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a practice student you created, and click the **options** button.
  - Checkout the options on the **basic** tab.

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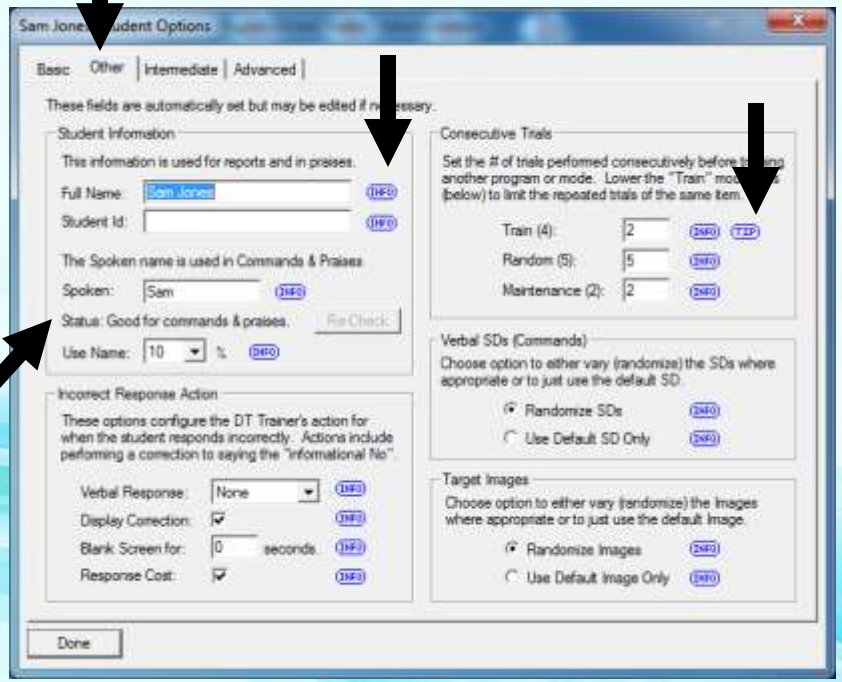
Student Options - Other

- Select “Other” tab
- “INFO” and “TIP” icons
  - Hover over for more info on corresponding control
- Spoken name and status
  - Student’s name used in commands & praises



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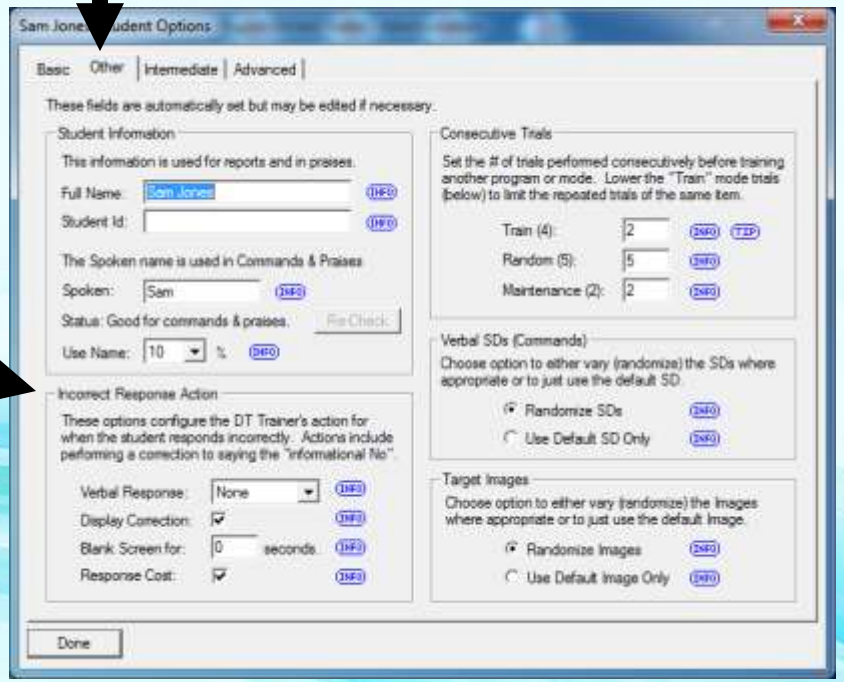
Student Options - Other

- Overridable options for special situations
  - Incorrect Response Action
  - …



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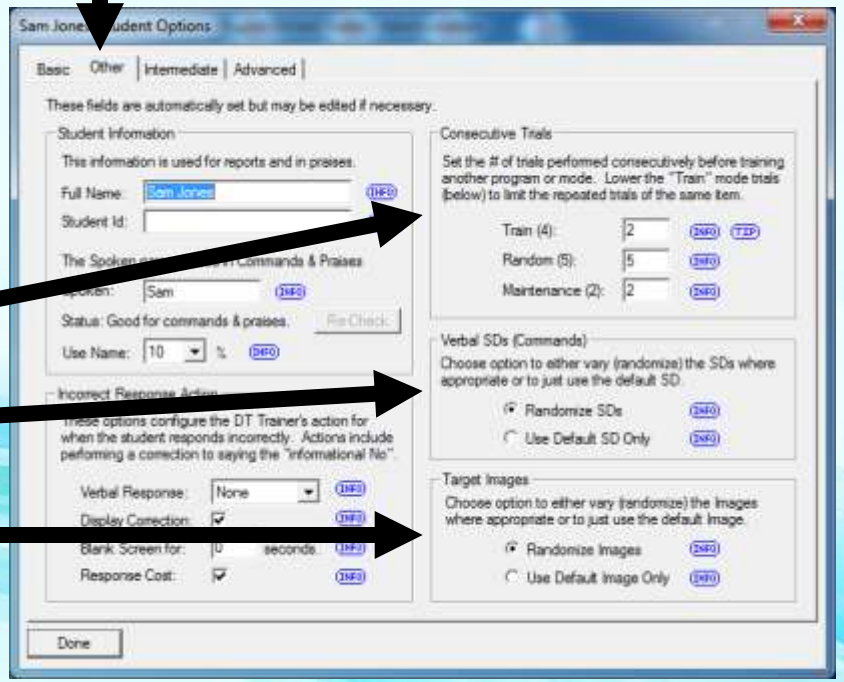
Student Options - Other

- Overridable options for special situations
  - …
  - Consecutive Trials
  - Verbal SDs
  - Target Images



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  - Select the student administration tab, select a practice student you created, and click the **options** button.
  - Checkout the options on the **other** tab.

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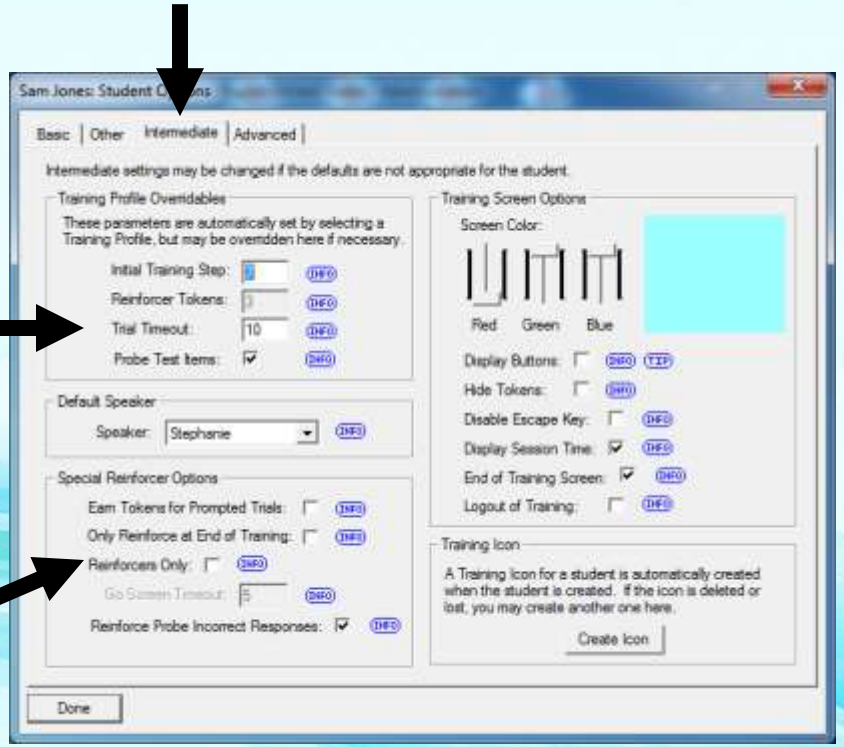
Student Options - Intermediate

- Select “Intermediate” tab
- Most commonly used
  - Trial Timeout (seconds)
    - Default 10
    - Max 20 (CP, …)
    - Decrease to work on fluency (if not happening)
  - Reinforcers Only
    - Start “resistive” student
    - Develop mouse skills
  - …



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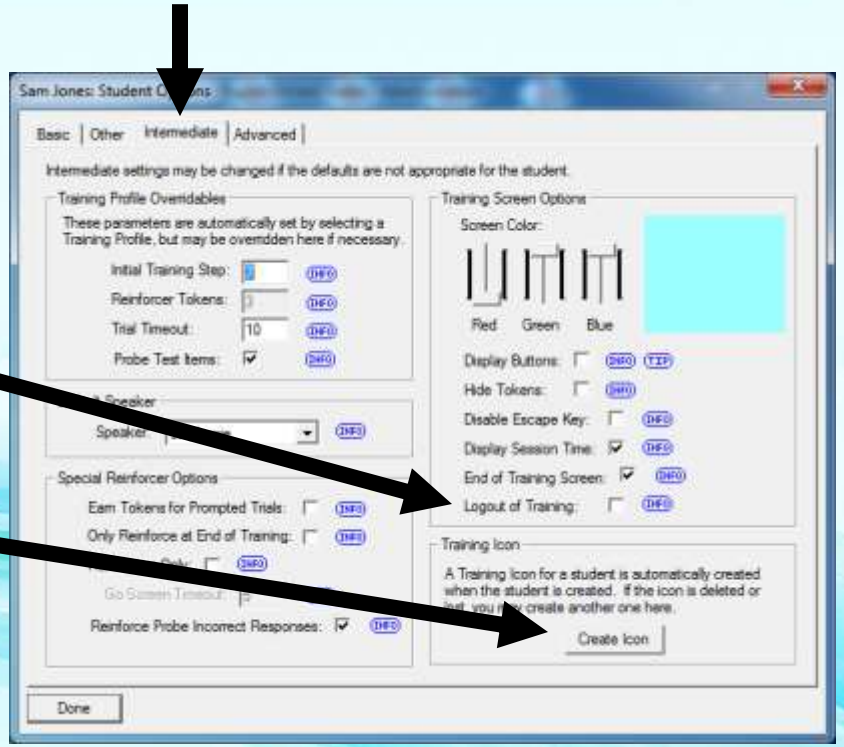
Student Options - Intermediate

- Most commonly used
  - …
  - Logout of Training
  - Create Icon
    - If Student Training Icon is accidentally deleted



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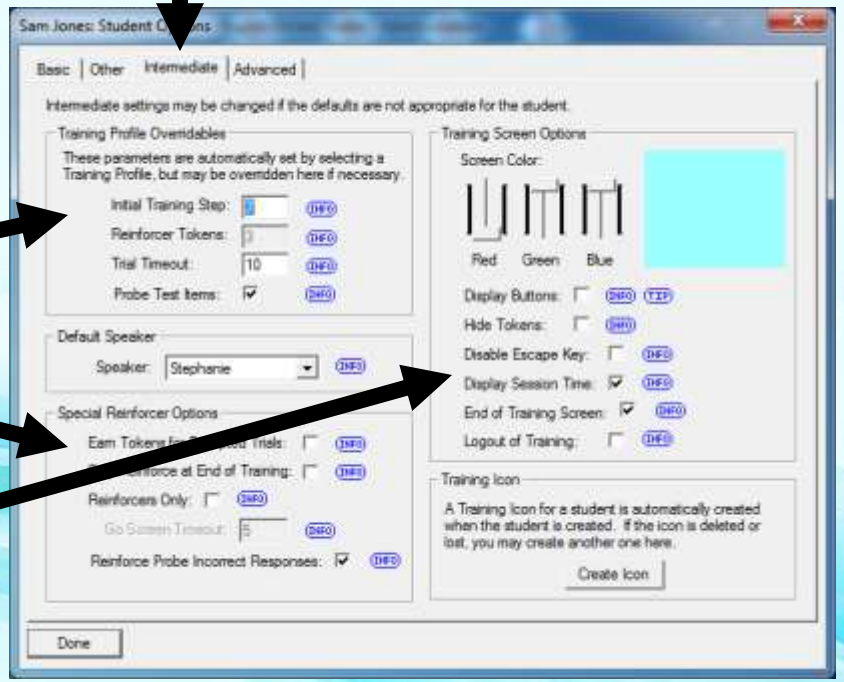
Student Options - Intermediate

- Overridable options for special situations
  - Training Profile Overridables
  - Special Reinforcer Options
  - Training Screen Options



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  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
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  - Select the student administration tab, select a practice student you created, and click the **options** button.
  - Checkout the options on the **intermediate** tab.

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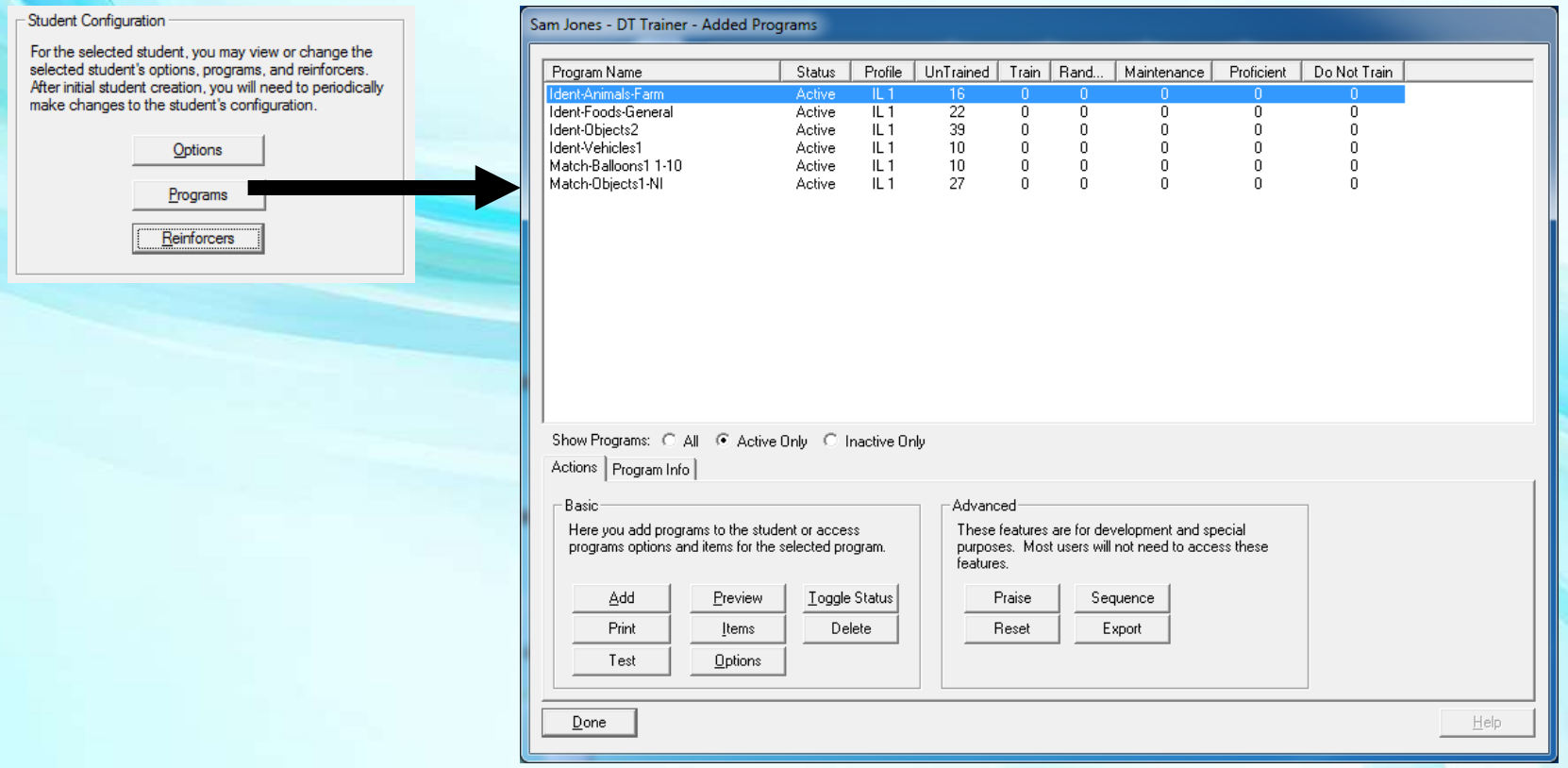
Student Administration - Programs

- Click “Programs” from Student Administration



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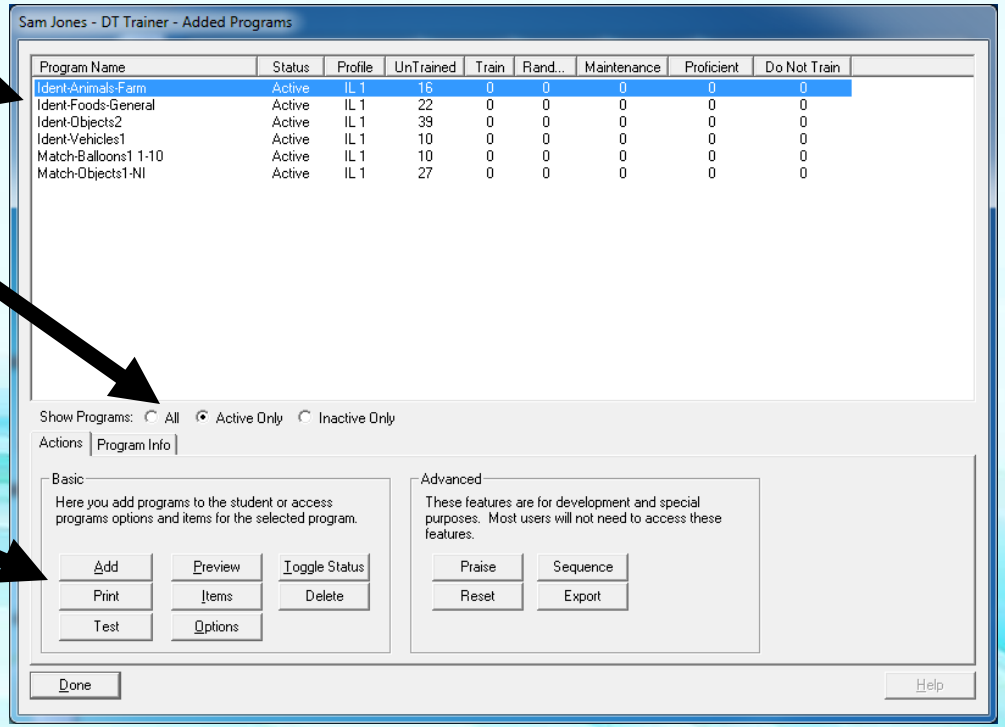
Student Programs Dialog

- View program list
  - All Programs, just Active or Inactive
- Manage Programs
  - Actions Tab, Basic Group



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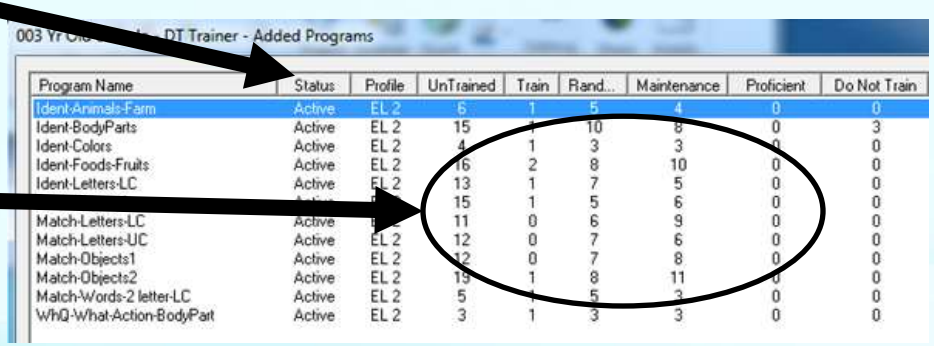
Student Programs List

- Program Status
- Progress



- Observations
  - Shows how many items from each program are Untrained, Proficient, or they are being trained.
  - Shows number of items in the Train, Random, and Maintenance modes.
  - Want items moving from Untrained to Proficient
- Select Program to Manage (click program name)

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  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **sample student**, and click the **programs** button.
  - Checkout the programs list.
  - Select to view all, active, and inactive programs.
  - Look at the number of items by train state & mode.

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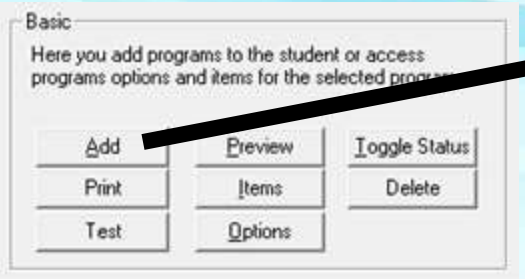
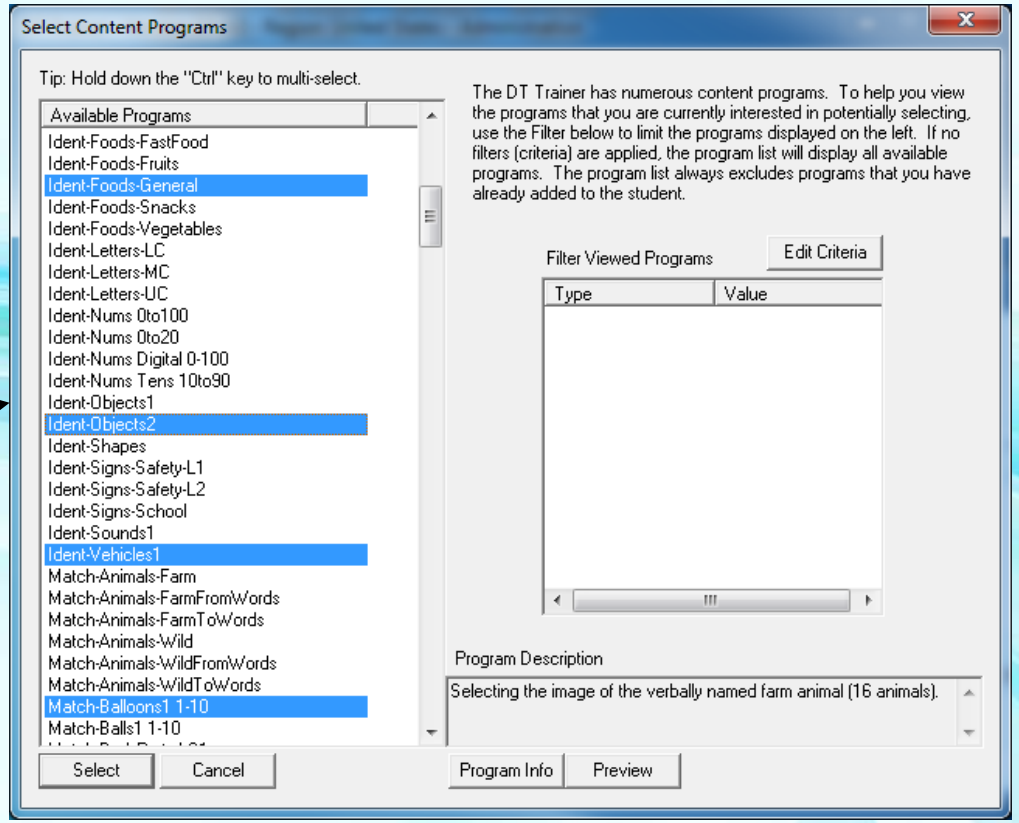
Student Programs – Add Programs

- "Add" programs
  - When "Untrained" items are low
  - Need other programs





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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **sample student**, and click the **programs** button.
  - Add one or more programs.

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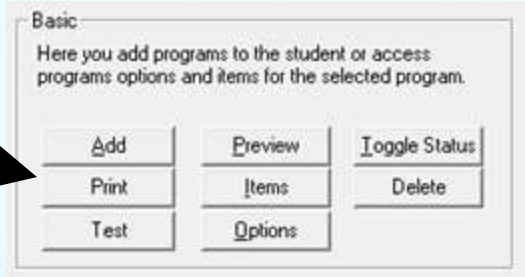
Student Programs List - Print

- "Print" program list
  - A quick high level report on student progress
  - Shows numbers of items in programs at different train levels



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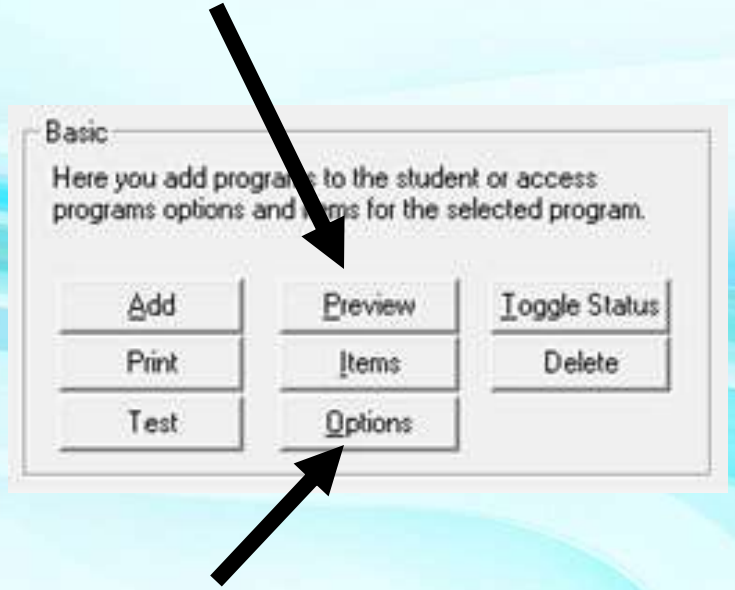
Student Programs List - Preview

- "Preview" sample item from selected program
  - See what a trial for a program item looks like



- View or Edit selected program's "Options"
  - Advanced feature (change the program for student)

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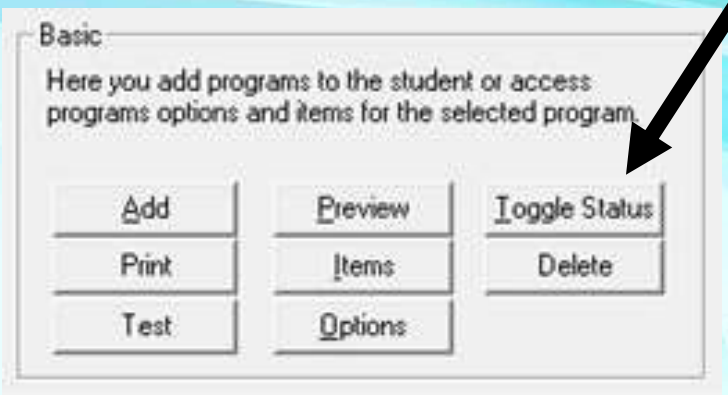
Student Programs List – Toggle Status

- "Toggle Status" of selected program to Active or Inactive
  - Make program Inactive instead of deleting
  - Deactivate program if too many active



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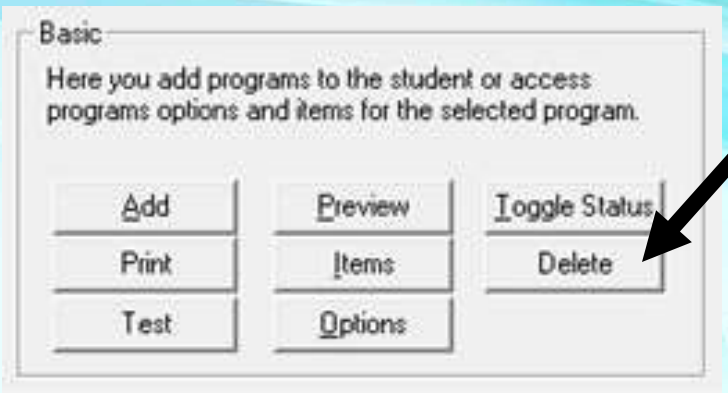
Student Programs List - Delete

- "Delete" selected program (from student's list)
  - Deleting program also deletes data
  - Delete program only if student does not need program and you do not need the data any more



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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **sample student**, and click the **programs** button.
  - Print, preview, toggle status, and delete a program.

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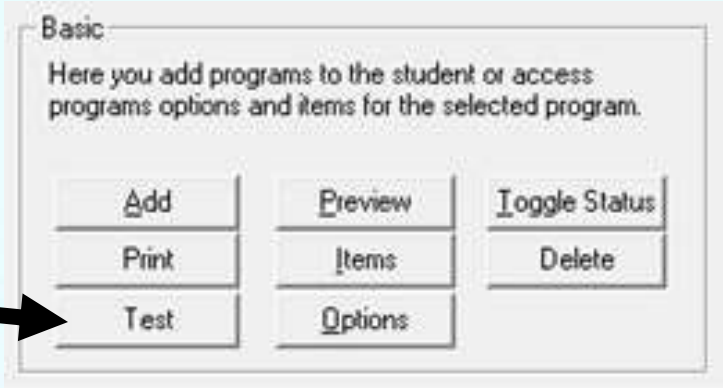
Student Programs List - Test

- "Test" selected program
  - Pre-Test
  - Post-Test
  - Other Tests
  - DT Trainer is constant test environment but you can run assessments of individual programs with this "Test" feature.



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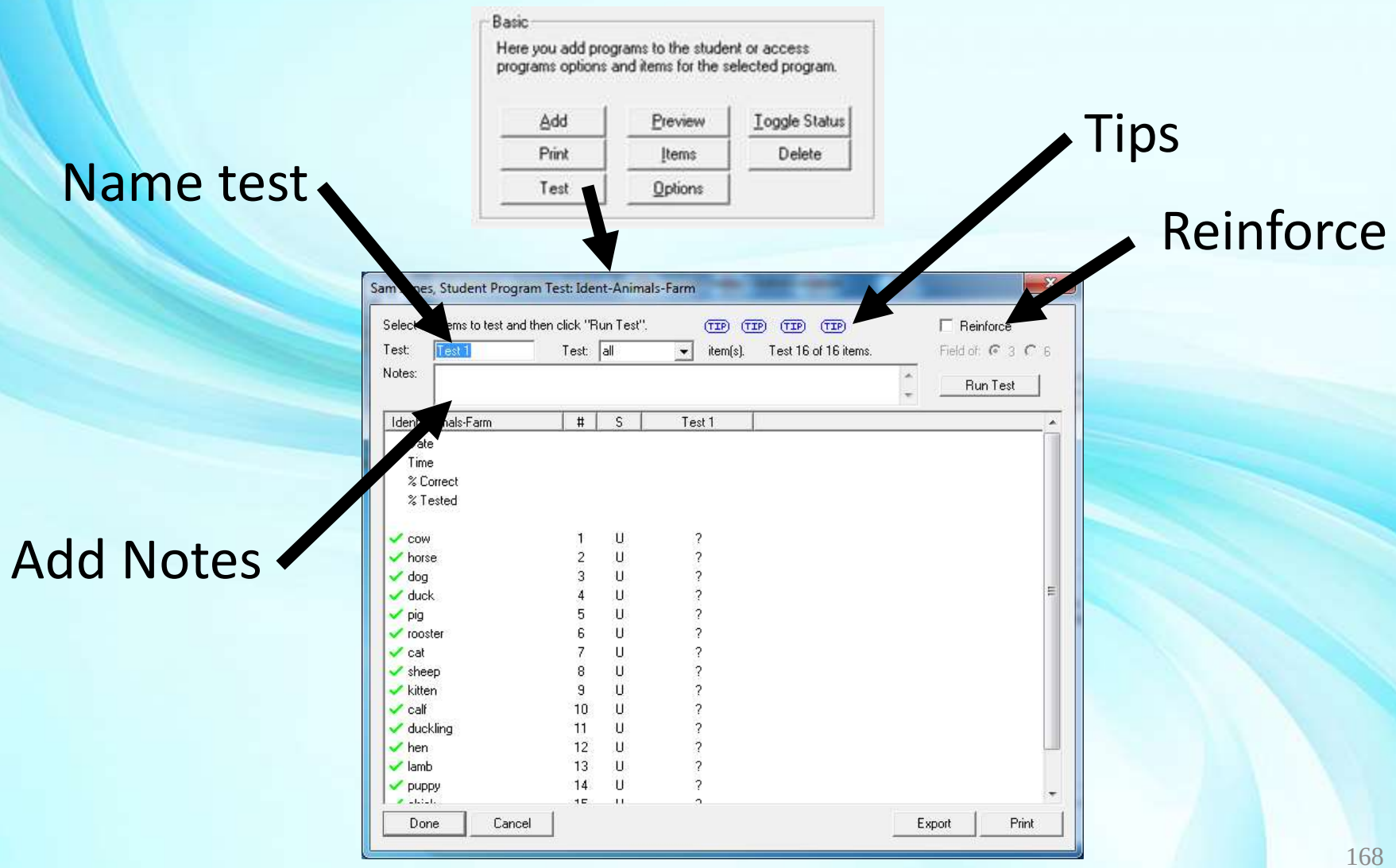
Running Pre, Post, or Other Tests



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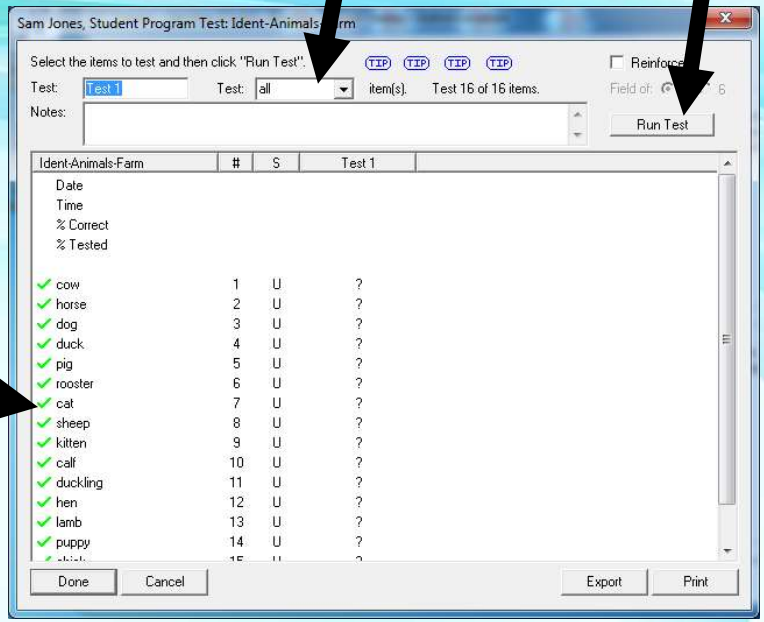
Running Pre, Post, or Other Tests

- Select items to test from drop menu
  - For large programs consider not testing all items at least at one time.
  - Can select Every 2nd, 3rd, 4th, … or the First 5, 10, 15, or 20 items.
- Select or deselect items by double clicking check mark or minus sign

Run Test



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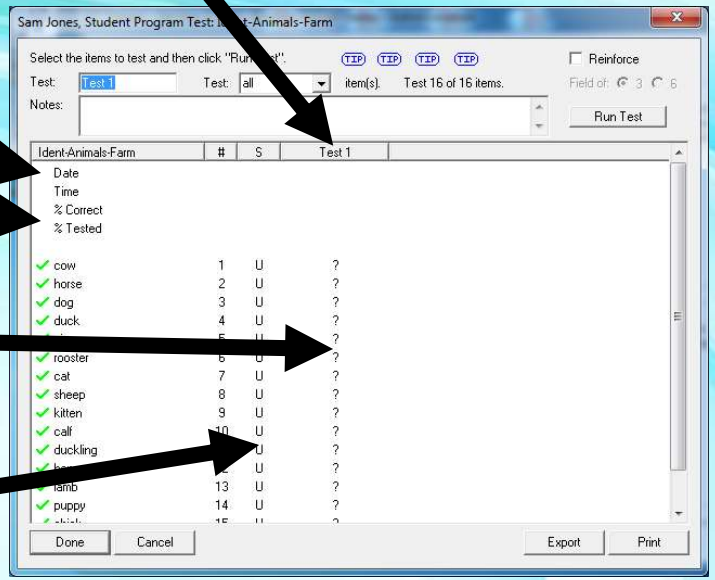
Running Pre, Post, or Other Tests

- During test, you can end at any time if interruption or problem
- You get one chance to either save or not save the data
- You get one column of data per test
  - Date & Time
  - Summary
    - % Correct, % Tested
  - Item Results
    - C: Correct, I: Incorrect
  - Item Train States (U, T, R, M, P)



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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **practice student** you created, and click the **programs** button.
  - Select a program and run an assessment (test).

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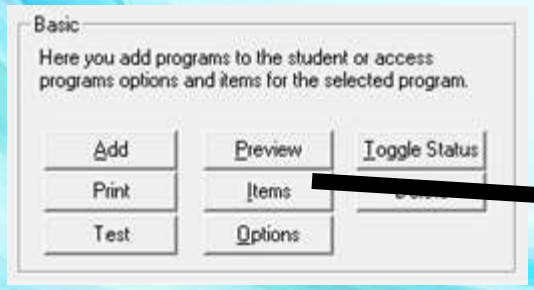
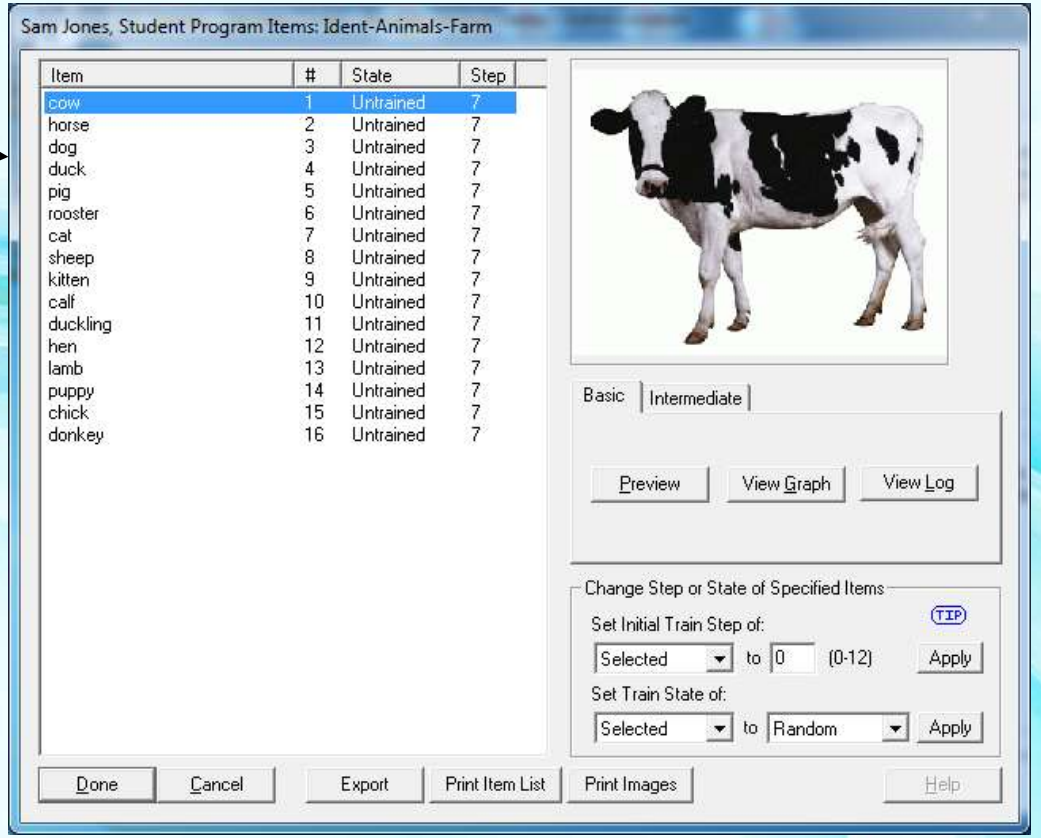
Program Items List

- Open Items list for selected program





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Program Items List

Program Items

Item States

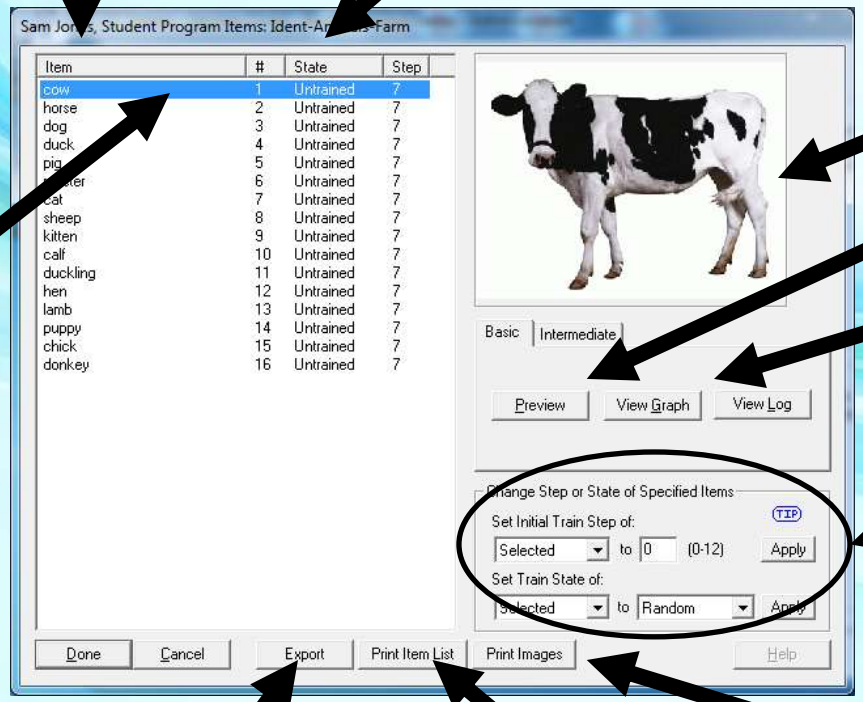
For Selected Item…

Item Image

Preview Trial

View Graph or Log

Select Item



Change Train States

- For special situations

Export

Print Item List

Print Images

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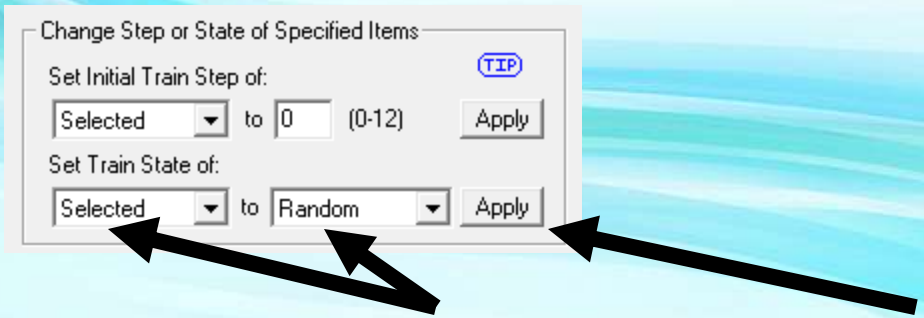
Change State of Items

- Not usually needed
  - **DT Trainer automatically changes state and step of program items through student's use**
  - Use this feature for special situations where you want to manually override the automatic behavior



- Set "Train State" values - then click "Apply"
- Example:
  - Set all (items) back to "Untrained" if student lost skills after extended illness or injury

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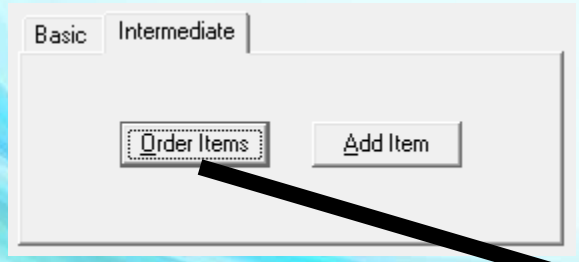
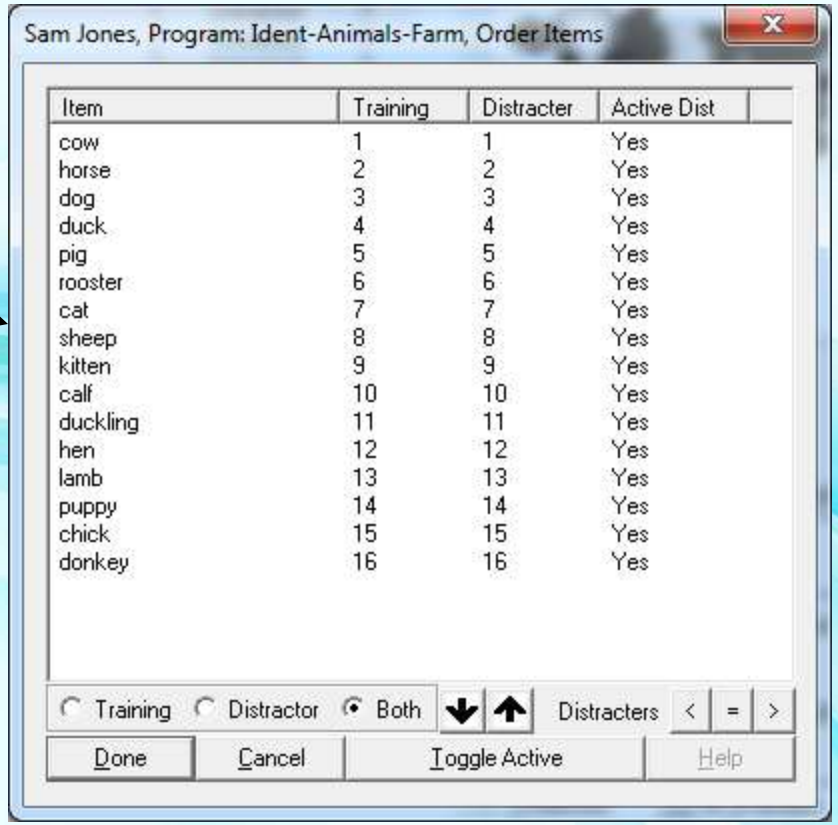
Order Items

- Select “Intermediate” tab then “Order Items” button





- Select item then use arrows to move item up or down in list
- Put higher priority items (to you) high in the list
- Default order is usually ok

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **practice student** you created, and click the **programs** button.
  - Select a program and open the items dialog.
  - Click on different items viewing the related image, preview, and check out the graph & log if available (may be empty).
  - Try changing the state of some items.
  - Print the item list and images, and check out the order items (under the intermediate tab).

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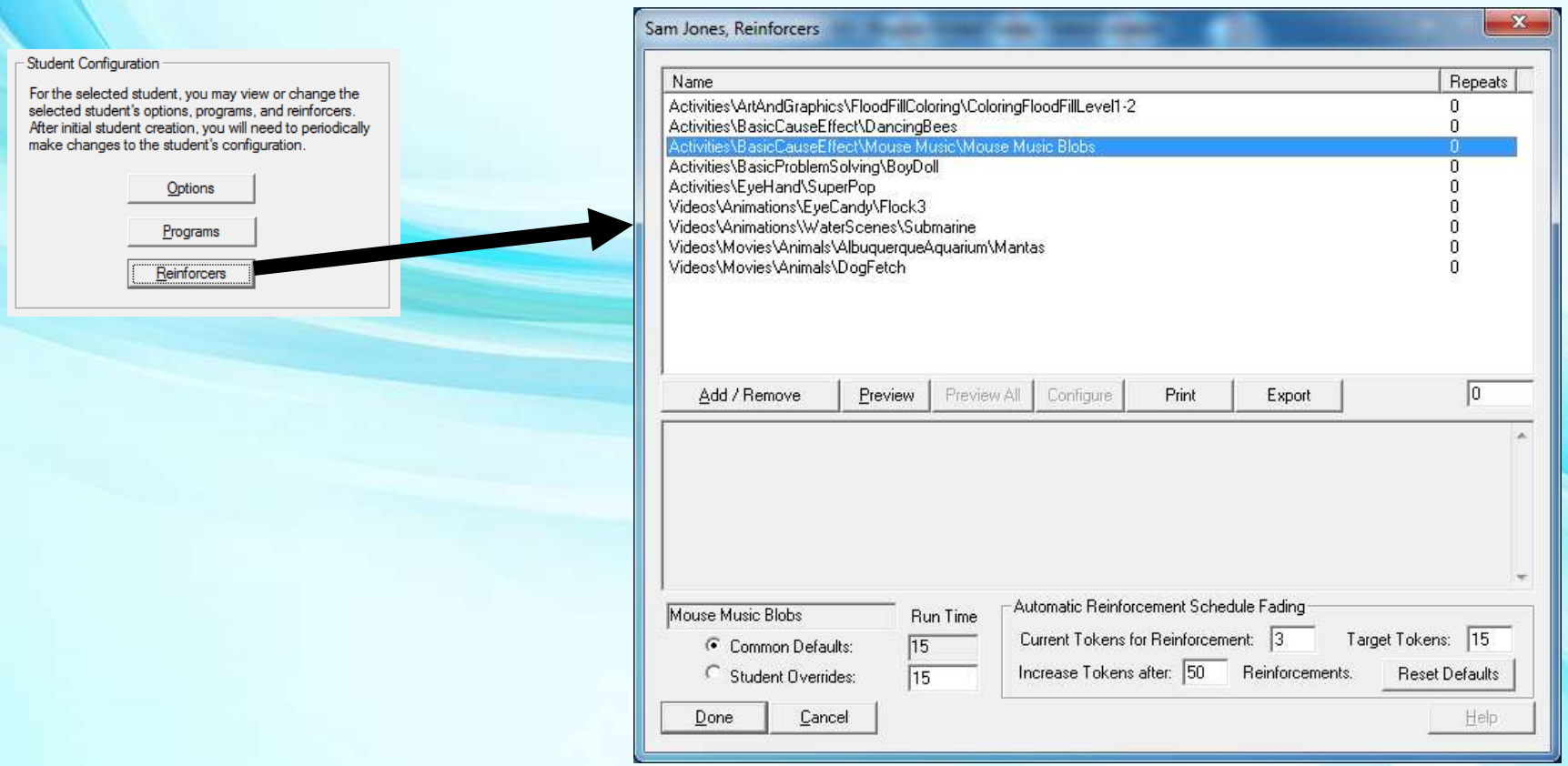
Student Administration - Reinforcers

- Click “Reinforcers” from Student Administration



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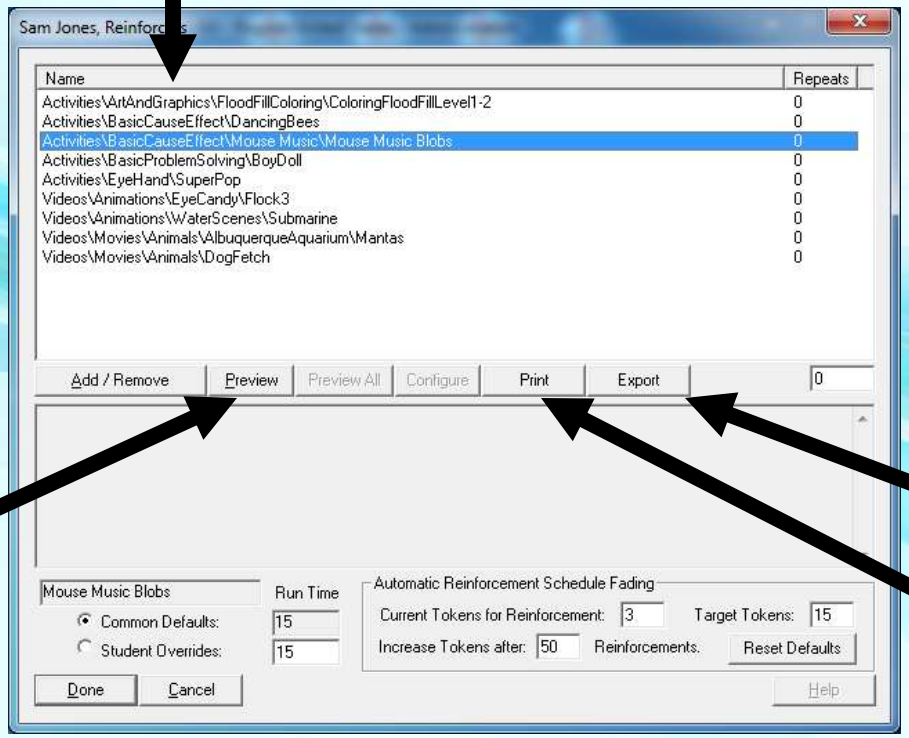
Student's Reinforcers

Reinforcers



Preview Selected Reinforcer

Export List

Print List

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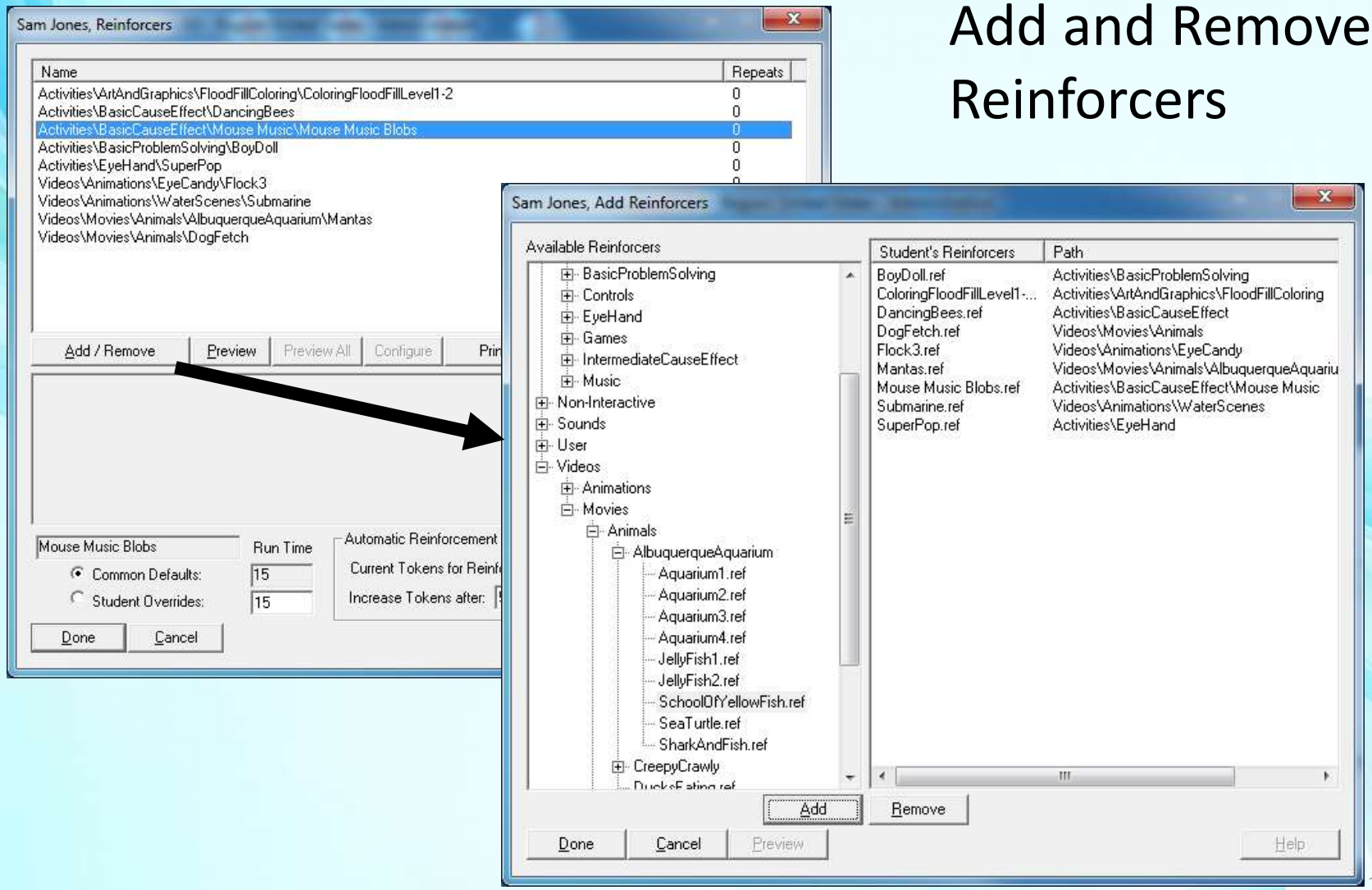
Student's Reinforcers



Add and Remove Reinforcers

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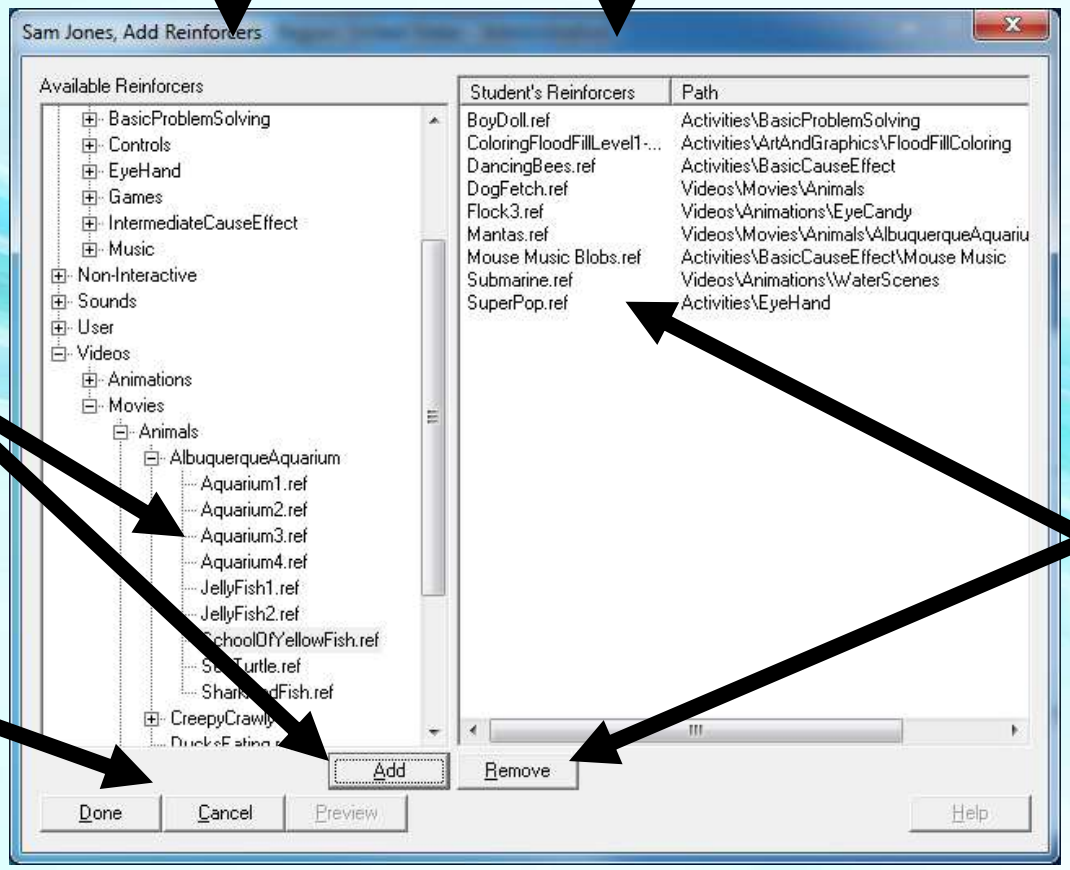
Student's Reinforcers

Available Reinforcers

Selected Reinforcers



Double click
Or click "Add"
to Add

Click "Done"
to save,
"Cancel" to
discard

Double click
Or click
"Remove"
To Remove

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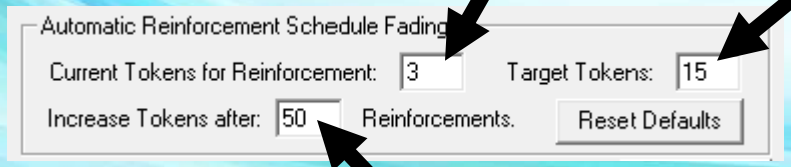
Reinforcement Schedule Fading

Current Tokens for Reinforcement

How many tokens that student needs to earn for reinforcement

Target Tokens

Automatically fades reinforcement to the "Target Tokens" rate



Increase Tokens after X Reinforcements

- Reinforcements (fade rate)
  - Fade rate by 1 token after given numbers of reinforcements. Controls rate of fade. Larger value slows fade rate.
  - Gets student doing more and more work for less and less play
  - Defaults set by selecting student training profile
  - The current tokens, target tokens, and fade values can be reset at any time

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **practice student** you created, and click the **reinforcers** button.
  - Preview some reinforcers & print the list.
  - Change some reinforcers with the Add/Remove.
  - Look at the automatic reinforcement schedule fading area. Identify the current level of tokens for reinforcement, the target tokens, and the number of reinforcements for fade.

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Reinforcement Tips

- Usually select from 10 to 20 reinforcers for student
  - Have enough reinforcers so that student does not see same one very often
- Change periodically
  - Any reinforcer will eventually be un-motivating to aversive
- Reinforcer times are usually ok… do not reset
  - Reinforcers are short intentionally to just “tease” student and not satiate student’s interest

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Reinforcement Tips

- Watch student's reaction to reinforcers
- Start with what ever motivates the student… no matter how strange (within reason)
- Broaden student's interest
  - Work in less preferred reinforcers
  - Build familiarity & success to build interest

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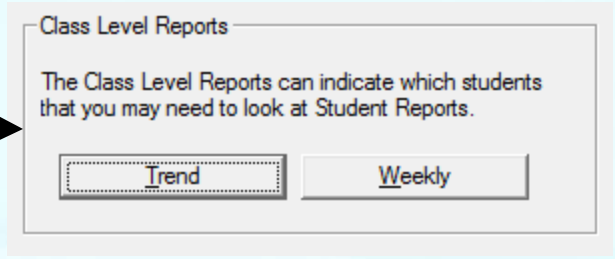
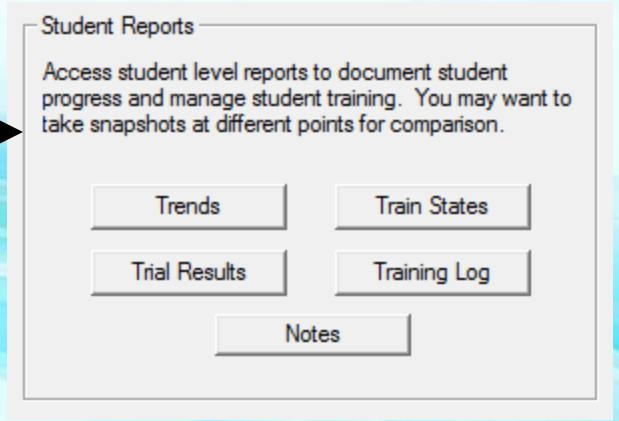
Part 8 - Reports

- Report Generators (configurable)
- System Level Reports
  - On **Common Administration** tab
  - Trend, Weekly
- Student Level Reports
  - On **Student Administration** tab
  - Trends, Train States, Trial Results, Training Log, Notes





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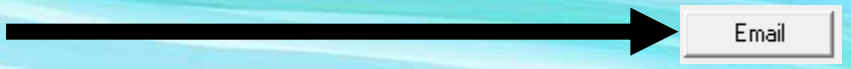
Reports

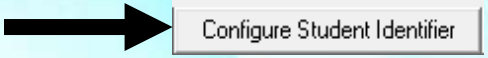
- Features common to Reports
  - Print

  - Export

    - To include in other document
  - Email



    - Preconfigure email recipients
    - Email reports periodically to other team members and supervisors
  - Configure Student Identifier



    - Set how the student name and ID appears on reports

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **practice student** you created.
  - Open some reports and locate the print, export, email, and configure student identifier (this is not on all reports).

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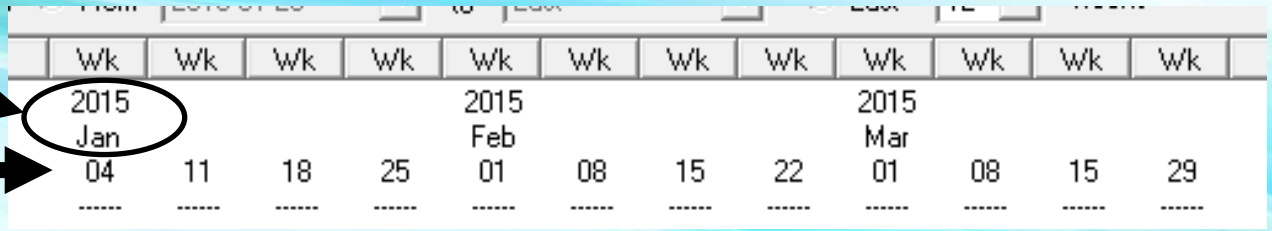
Trend Reports

- Trends (by week)
  - System & Student

Only displays year and month for first data week in month



Date is for Sunday of each week

NOTE: Will only display weeks where there is data

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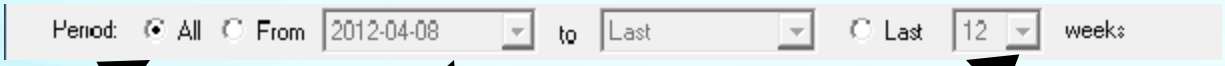
Trend Reports – Period

- Persistent report ranges (feature on Trend Reports)



  - **All**
  - From **Date/First** to **Date/Last**
    - *– hint… show this school years data – Set: From (date) to (Last)*
  - **Last X** Weeks
    - *- hint… set to 12 weeks to always see last 3 months of data*
  - Retains settings for report

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **practice student** you created.
  - Open the trend report and locate and checkout the report range controls.
  - Obviously after your students have been using the program, you will have something more interesting to view.

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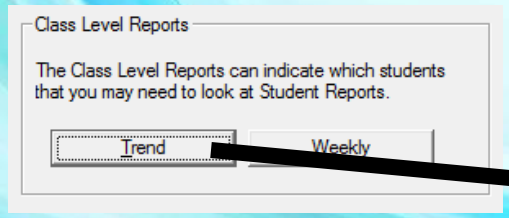
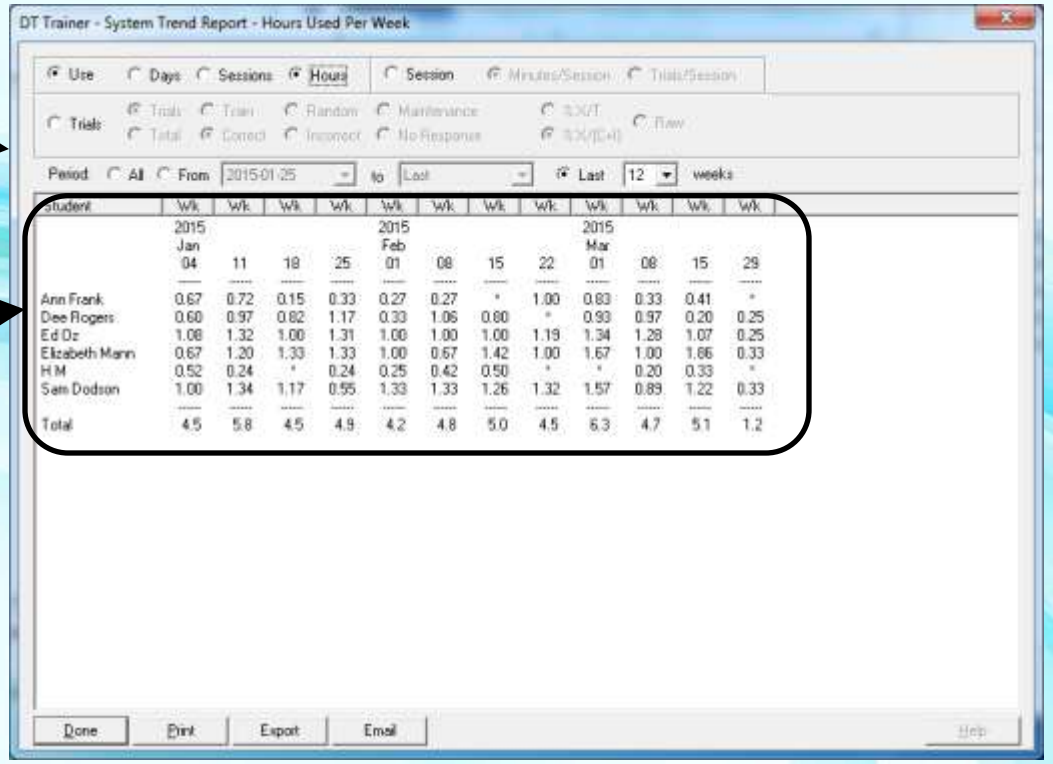
System Trend Report - Shows

- Shows all students across multiple weeks





- Displays one piece of data per week per student
- Over time, are individual students doing well, doing better, or doing worse
- Look for students needing a closer look via the Student Reports

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System Trend Report - Types

- Report Types
  - **Use (per week)**
    - **Days** per week
    - **Sessions**
    - **Hours**
  - **Session**
    - **Minutes / Session**
    - **Trials / Session**
  - **Trials**
    - (**Trials / Train / Random / Maintenance**)
    - Vs. (**Total / Correct / Incorrect / No Response**)

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the common administration tab and open the **trend** report.
  - Checkout the use, session, and trials versions and play with the associated report options.
  - Obviously after your students have been using the program, you will have more interesting data.

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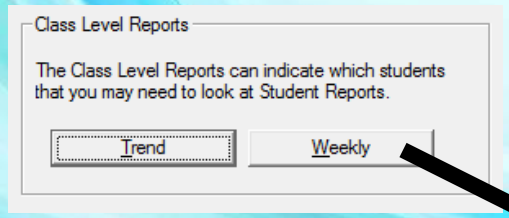
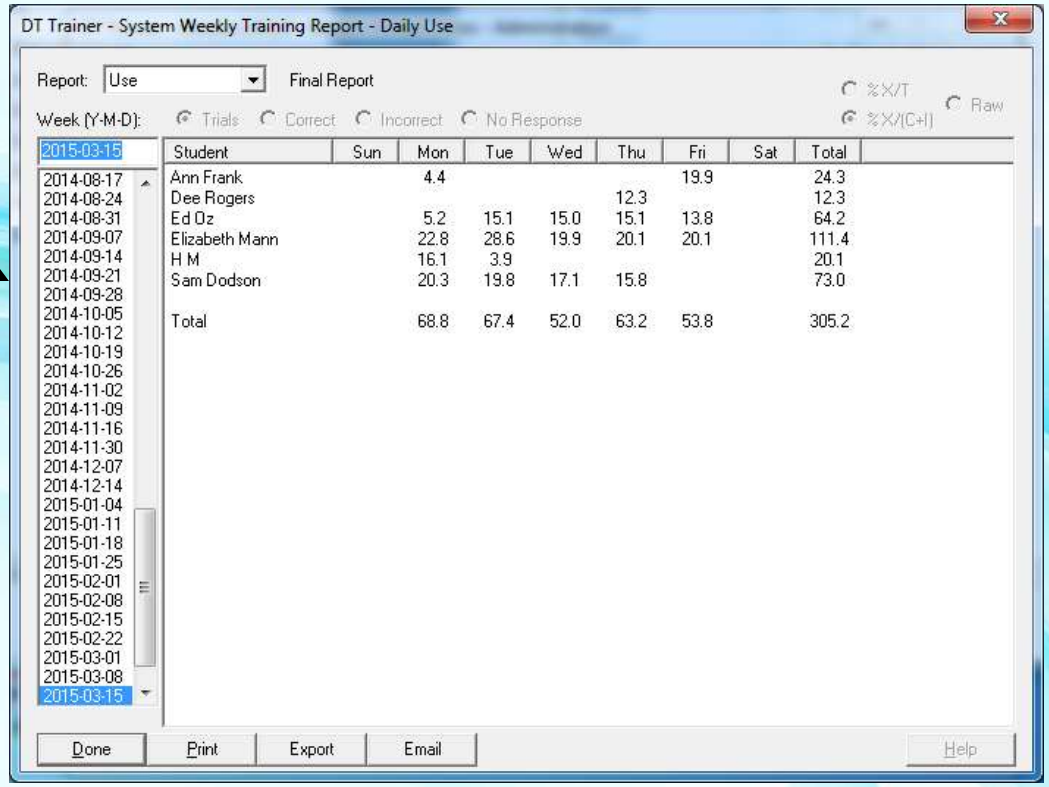
System Weekly Report

- Shows all students for selected week





Student	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total
Ann Frank		4.4				19.9		24.3
Dee Rogers					12.3			12.3
Ed Oz		5.2	15.1	15.0	15.1	13.8		64.2
Elizabeth Mann		22.8	28.6	19.9	20.1	20.1		111.4
H M		16.1	3.9					20.1
Sam Dodson		20.3	19.8	17.1	15.8			73.0
Total		68.8	67.4	52.0	63.2	53.8		305.2

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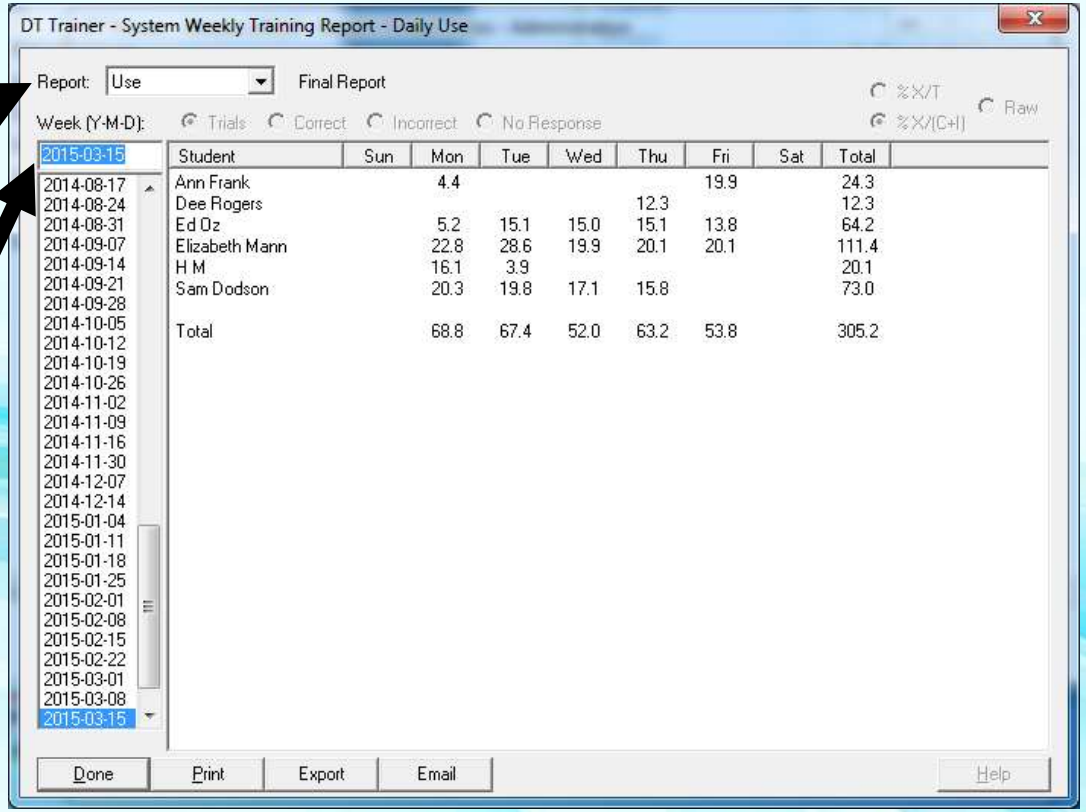
System Weekly Report - Types

- Select
  - Report Type
    - Use (default)
    - Response
    - Train Mode
  - Week
    - default is current or last week



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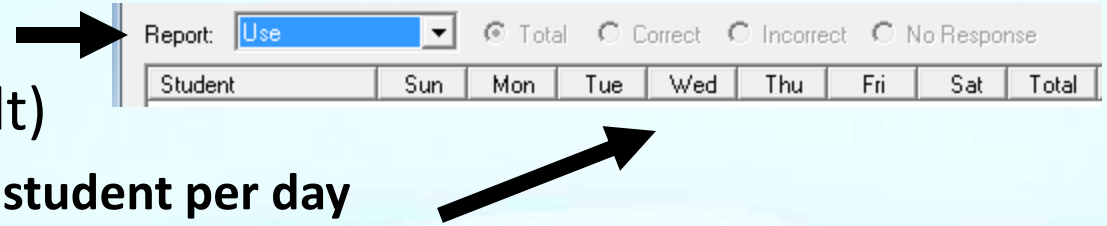
System Weekly Report – Use Report

- Report Types
  - **Use** Report (default)
    - **Minutes used per student per day**
    - **Sun, Mon, Tue, Wed, Thu, Fri, Sat, Total**
    - **Helps teacher manage student use**



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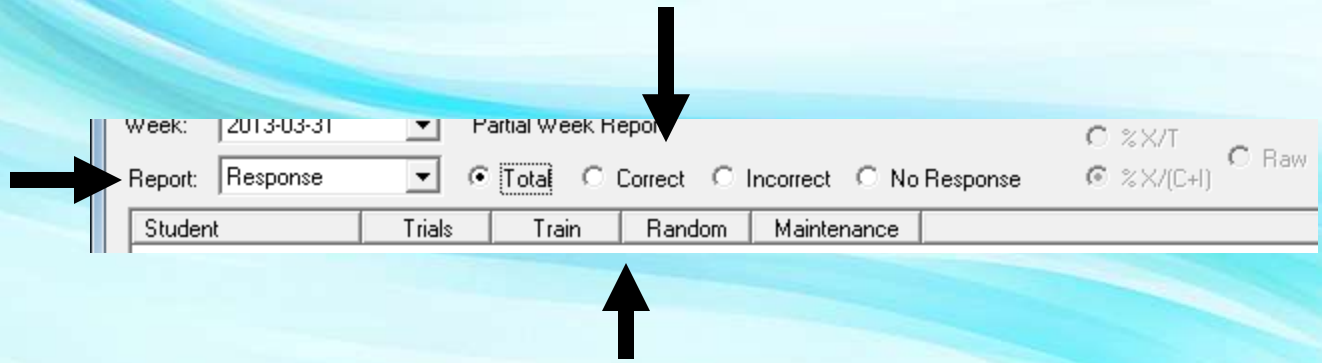
System Weekly Report – Response Report

- Report Types
  - **Response** Report
    - Select (**Total / Correct / Incorrect / No Response**)



    - Display (**Trials, Train, Random, Maintenance**)

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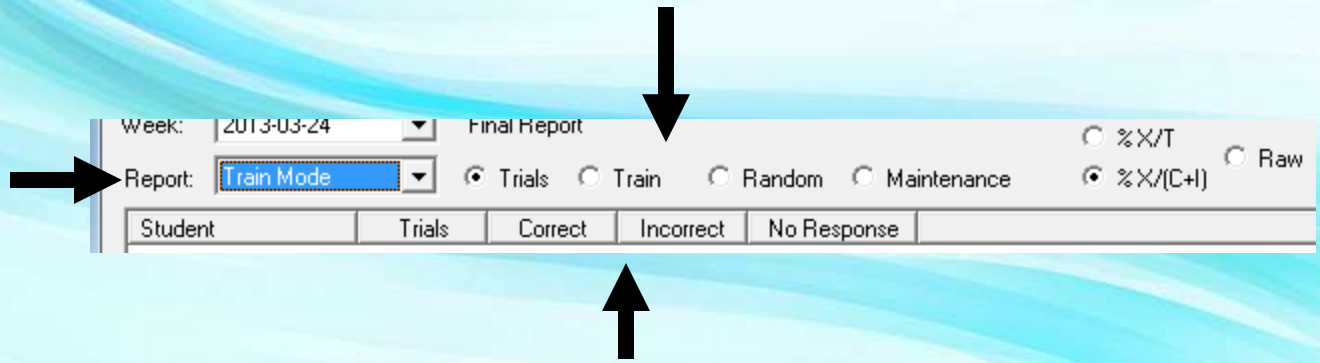
System Weekly Report – Train Mode Report

- Report Types
  - **Train Mode** Report
    - Select (**Trials / Train / Random / Maintenance**)



    - Display (**Trials, Correct, Incorrect, No Response**)

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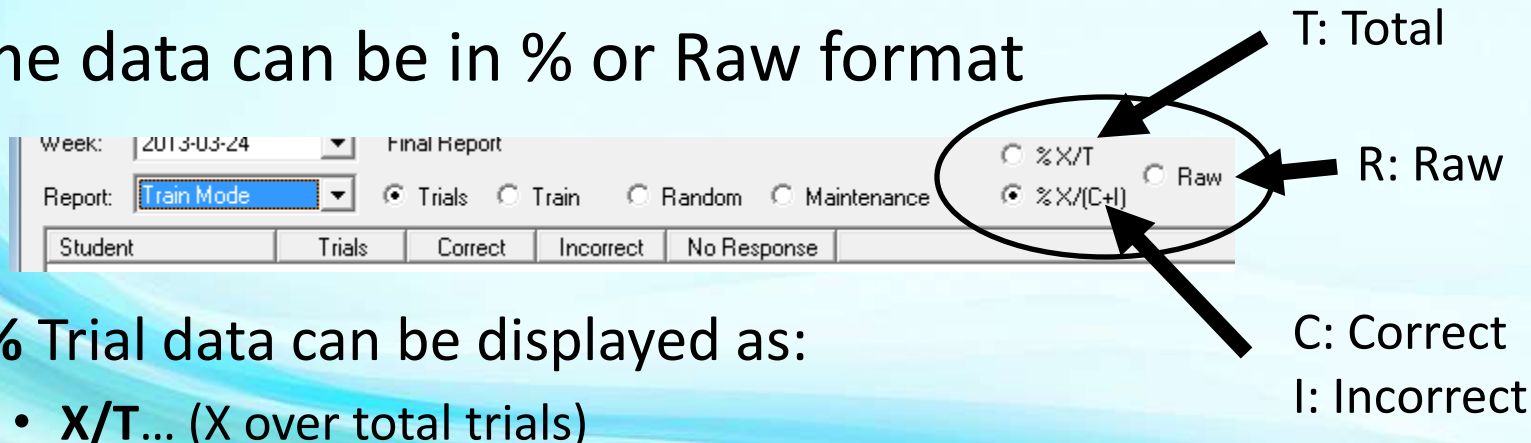
% Data Format

- Some data can be in % or Raw format



  - **%** Trial data can be displayed as:
    - **X/T**… (X over total trials)
      - **Total: Correct, Incorrect AND No Response**
    - **X/(C+I)…** (X over responses)
      - Only when student responded (Correct or Incorrect)
      - **Answers: When the student responded… how did he do?**
  - **Raw**: The actual number times something happened
    - If few trials, % data will be very noisy or meaningless
    - Check Raw data for importance of % data

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the common administration tab and open the **weekly** report.
  - Checkout the use, session, and trials versions and play with the associated report options.
  - Obviously after your students have been using the program, you will have more interesting data.

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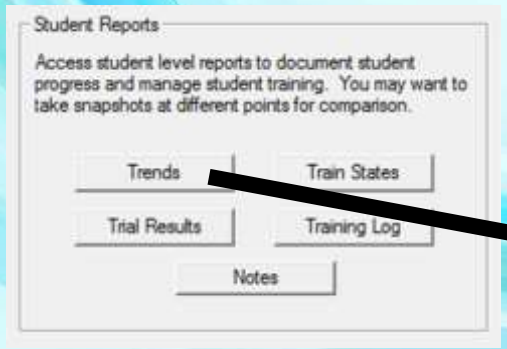
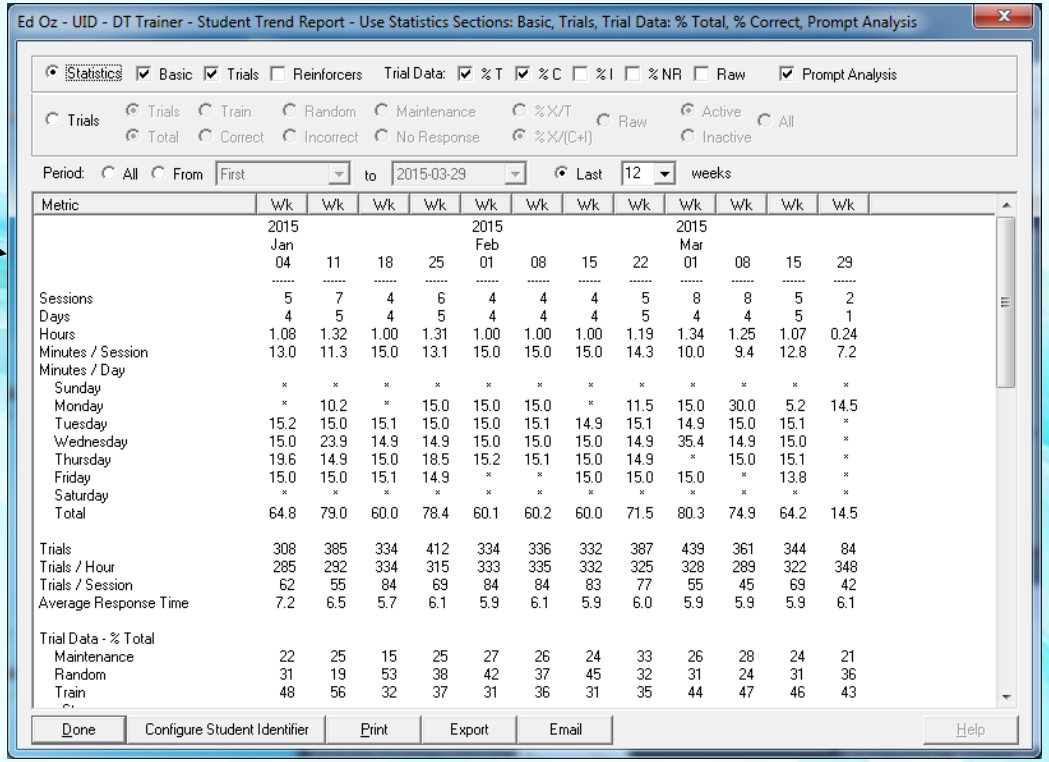
Student Trend Report

- Shows combinations of selected data over weeks





Metric	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk
	2015 Jan 04	11	18	25	2015 Feb 01	08	15	22	2015 Mar 01	08	15	29
Sessions	5	7	4	6	4	4	4	5	8	8	5	2
Days	4	5	4	5	4	4	4	5	4	4	5	1
Hours	1.08	1.32	1.00	1.31	1.00	1.00	1.00	1.19	1.34	1.25	1.07	0.24
Minutes / Session	13.0	11.3	15.0	13.1	15.0	15.0	15.0	14.3	10.0	9.4	12.8	7.2
Minutes / Day												
Sunday	*	*	*	*	*	*	*	*	*	*	*	*
Monday	*	10.2	*	15.0	15.0	15.0	*	11.5	15.0	30.0	5.2	14.5
Tuesday	15.2	15.0	15.1	15.0	15.0	15.1	14.9	15.1	14.9	15.0	15.1	*
Wednesday	15.0	23.9	14.9	14.9	15.0	15.0	15.0	14.9	35.4	14.9	15.0	*
Thursday	19.6	14.9	15.0	18.5	15.2	15.1	15.0	14.9	*	15.0	15.1	*
Friday	15.0	15.0	15.1	14.9	*	*	15.0	15.0	15.0	*	13.8	*
Saturday	*	*	*	*	*	*	*	*	*	*	*	*
Total	64.8	79.0	60.0	78.4	60.1	60.2	60.0	71.5	80.3	74.9	64.2	14.5
Trials	308	385	334	412	334	336	332	387	439	361	344	84
Trials / Hour	285	292	334	315	333	335	332	325	328	289	322	348
Trials / Session	62	55	84	69	84	84	83	77	55	45	69	42
Average Response Time	7.2	6.5	5.7	6.1	5.9	6.1	5.9	6.0	5.9	5.9	5.9	6.1
Trial Data - % Total												
Maintenance	22	25	15	25	27	26	24	33	26	28	24	21
Random	31	19	53	38	42	37	45	32	31	24	31	36
Train	48	56	32	37	31	36	31	35	44	47	46	43

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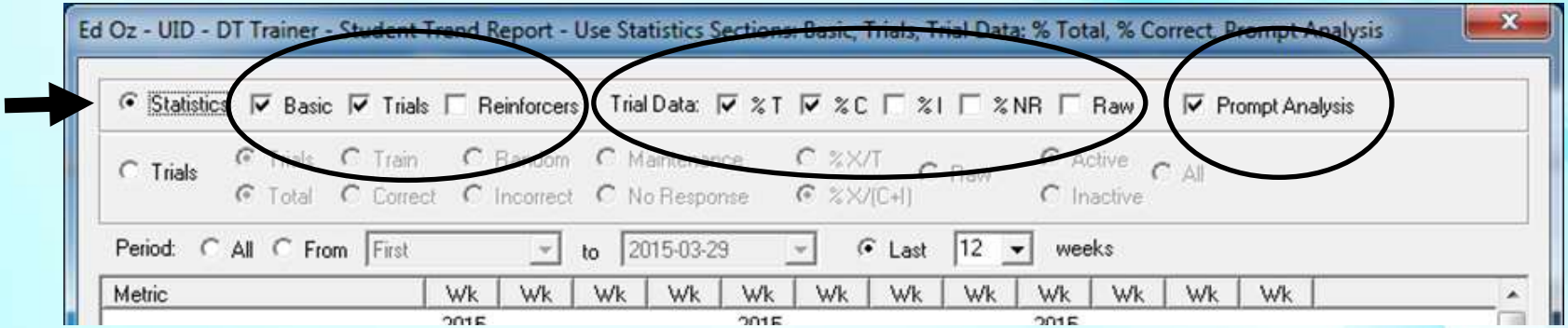
Student Trend Report – Use Statistics

- **Use Statistics** (default report)
  - Use the **default report** blocks to automatically generate a very useful report
  - Or **select specific blocks** for a customized report.

Trial Data:

Basic, Trials, Reinforcers %T, %C, %I, %NR, Raw Prompt Analysis



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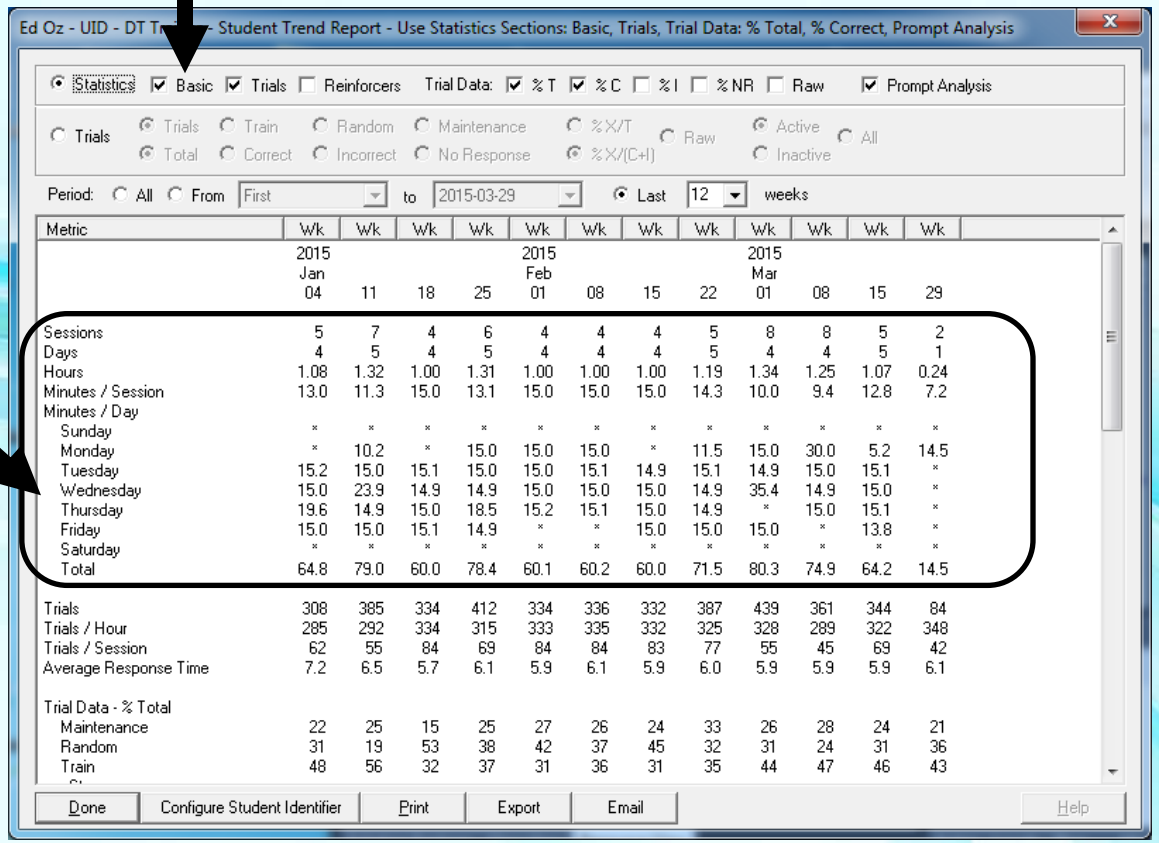
Student Trend Report – Statistics: Basic Block

- Statistics - **Basic** block (*default*)
  - Sessions
  - Days
  - Hours
  - Minutes/Session
  - Minutes/Day
    - Sunday
    - Monday,
    - … - Saturday
    - Total



Metric	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk	Wk
	2015 Jan 04	11	18	25	2015 Feb 01	08	15	22	2015 Mar 01	08	15	29
Sessions	5	7	4	6	4	4	4	5	8	8	5	2
Days	4	5	4	5	4	4	4	5	4	4	5	1
Hours	1.08	1.32	1.00	1.31	1.00	1.00	1.00	1.19	1.34	1.25	1.07	0.24
Minutes / Session	13.0	11.3	15.0	13.1	15.0	15.0	15.0	14.3	10.0	9.4	12.8	7.2
Minutes / Day												
Sunday	*	*	*	*	*	*	*	*	*	*	*	*
Monday	*	10.2	*	15.0	15.0	15.0	*	11.5	15.0	30.0	5.2	14.5
Tuesday	15.2	15.0	15.1	15.0	15.0	15.1	14.9	15.1	14.9	15.0	15.1	*
Wednesday	15.0	23.9	14.9	14.9	15.0	15.0	15.0	14.9	35.4	14.9	15.0	*
Thursday	19.6	14.9	15.0	18.5	15.2	15.1	15.0	14.9	*	15.0	15.1	*
Friday	15.0	15.0	15.1	14.9	*	*	15.0	15.0	15.0	*	13.8	*
Saturday	*	*	*	*	*	*	*	*	*	*	*	*
Total	64.8	79.0	60.0	78.4	60.1	60.2	60.0	71.5	80.3	74.9	64.2	14.5
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Trial Data - % Total												
Maintenance	22	25	15	25	27	26	24	33	26	28	24	21
Random	31	19	53	38	42	37	45	32	31	24	31	36
Train	48	56	32	37	31	36	31	35	44	47	46	43

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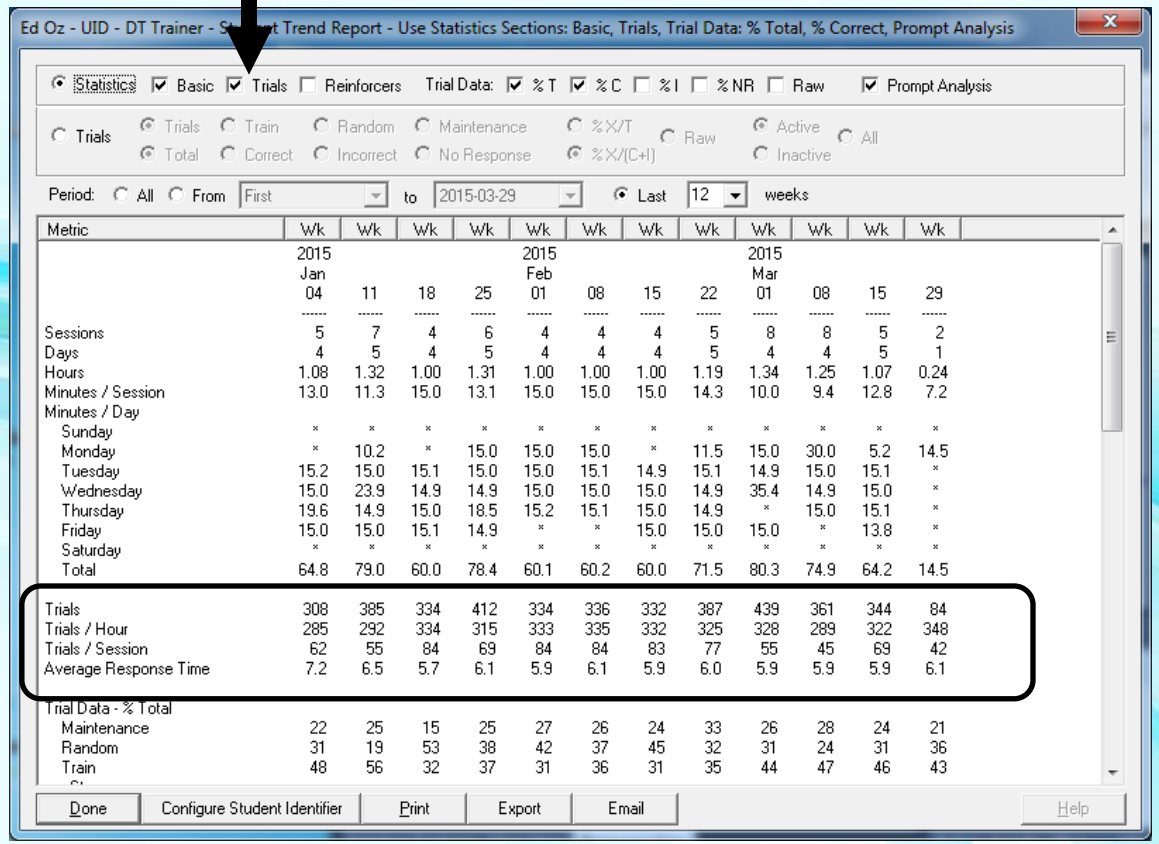
Student Trend Report – Statistics: Trials Block

- Statistics - **Trials** block (*default*)
  - # Trials
  - Trials/Hour,
  - Trials/Session
  - Average Response time



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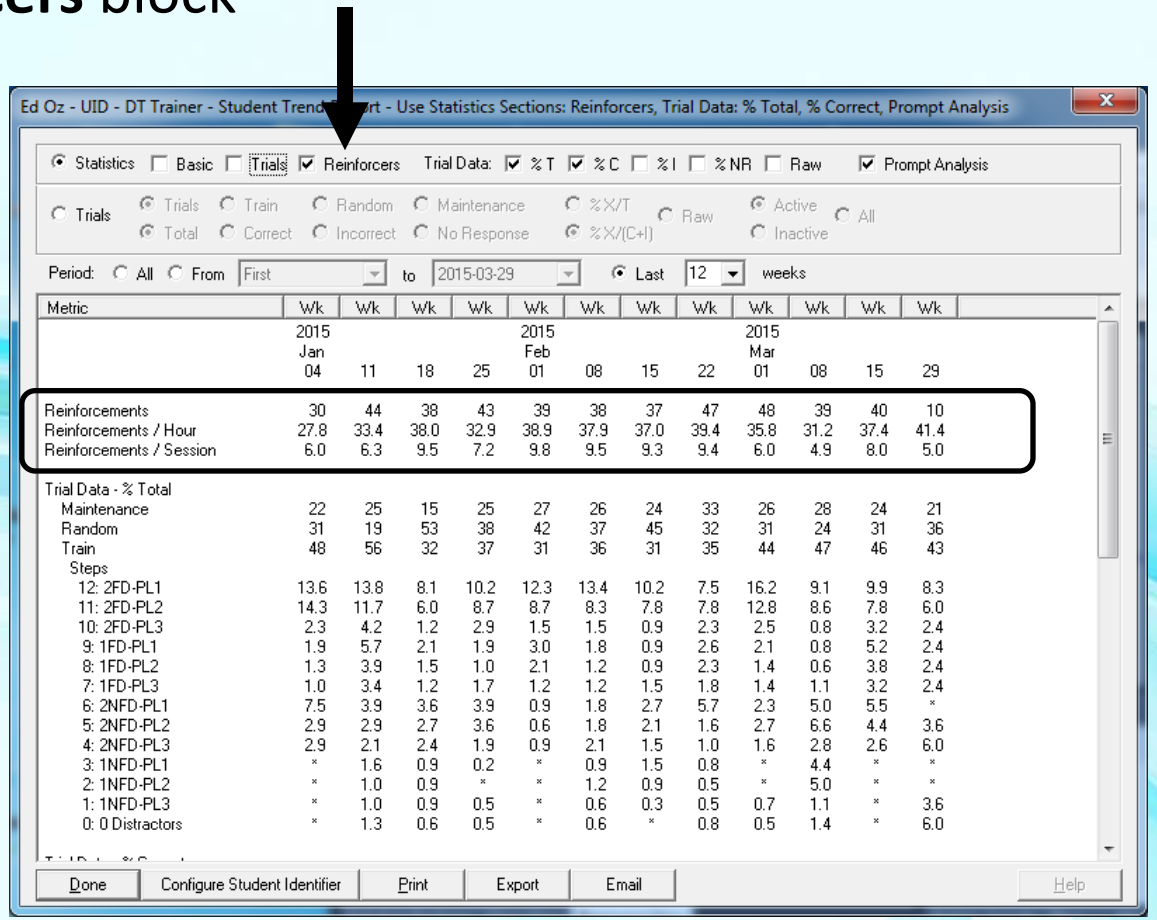
Student Trend Report – Statistics: Reinforcers Block

- Statistics - **Reinforcers** block
  - # Reinforcements
  - Reinforcements / Hour
  - Reinforcements / Session



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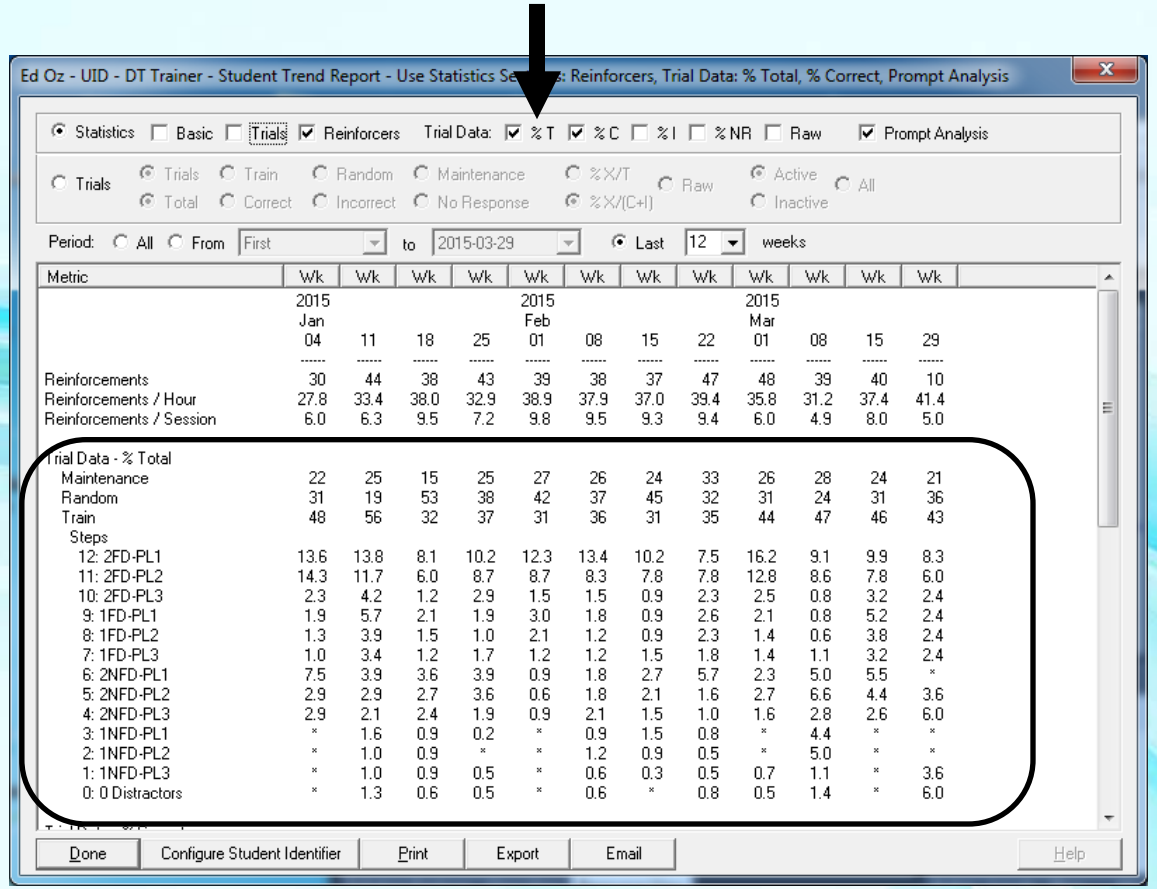
Student Trend Report – Statistics: Trial Data - % Total Block

- Statistics **-** Trial Data: **% Total** block (*default*)
  - Maintenance
  - Random
  - Train
  - Train mode also broken down into steps 0-12
  - *Shows: how much training student is spending in different modes*
  - *Answers: is student progressing, and how that is changing over time*



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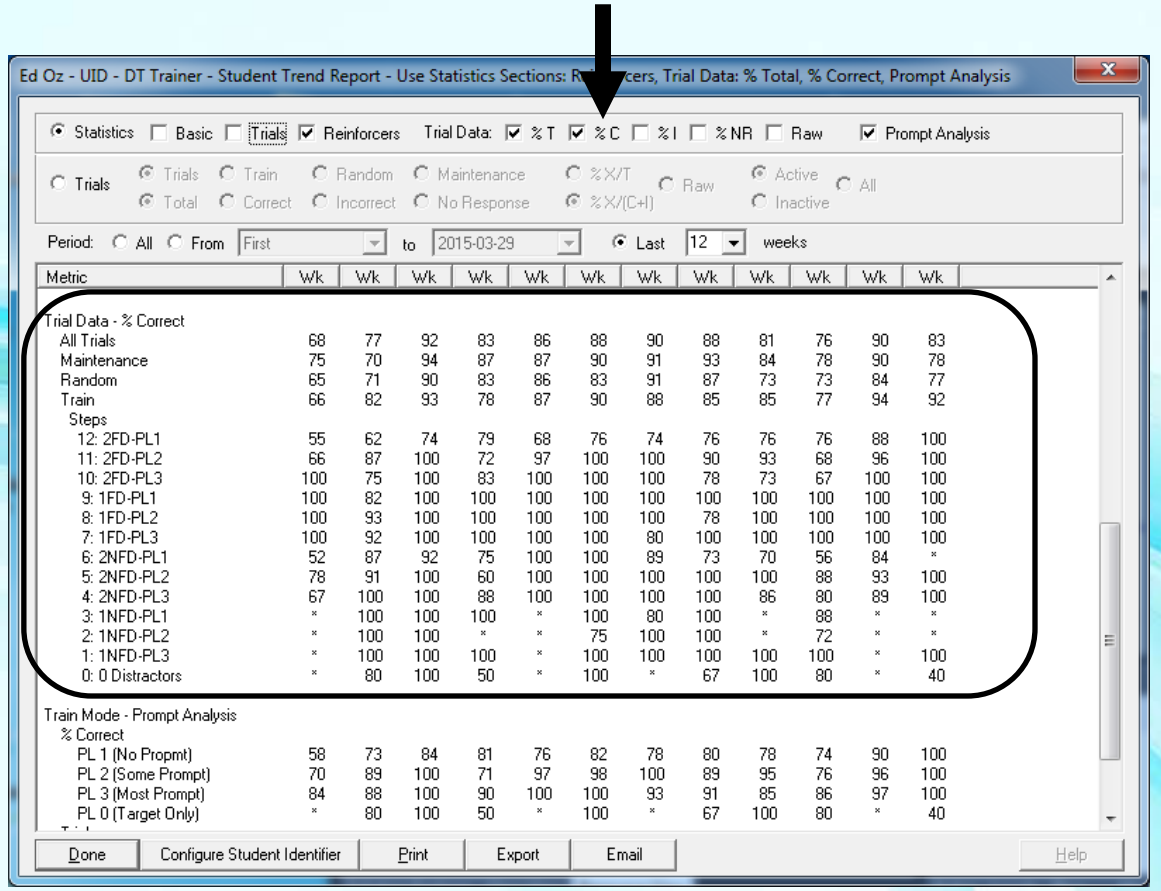
Student Trend Report – Statistics: Trial Data - % Correct Block

- Statistics - Trial Data: **% Correct** block (*default*)
  - All Trials
  - Maintenance
  - Random
  - Train
  - Train mode also broken down into steps 0-12
  - *Answers: is student progressing, and how that is changing over time*



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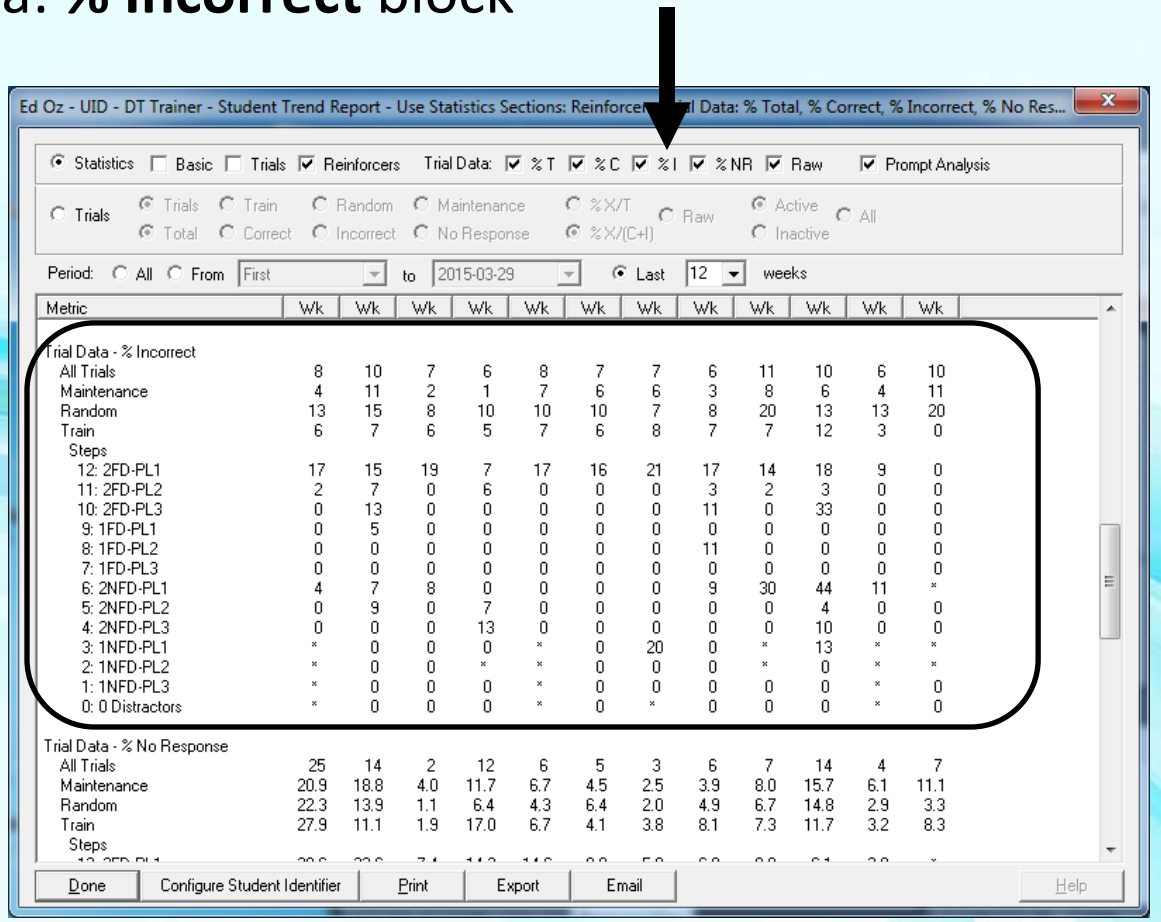
Student Trend Report – Statistics: Trial Data - % Incorrect Block

- Statistics - Trial Data: **% Incorrect** block
  - All Trials
  - Maintenance
  - Random
  - Train
  - Train mode also broken down into steps 0-12
  - *Answers: is student progressing, and how that is changing over time*



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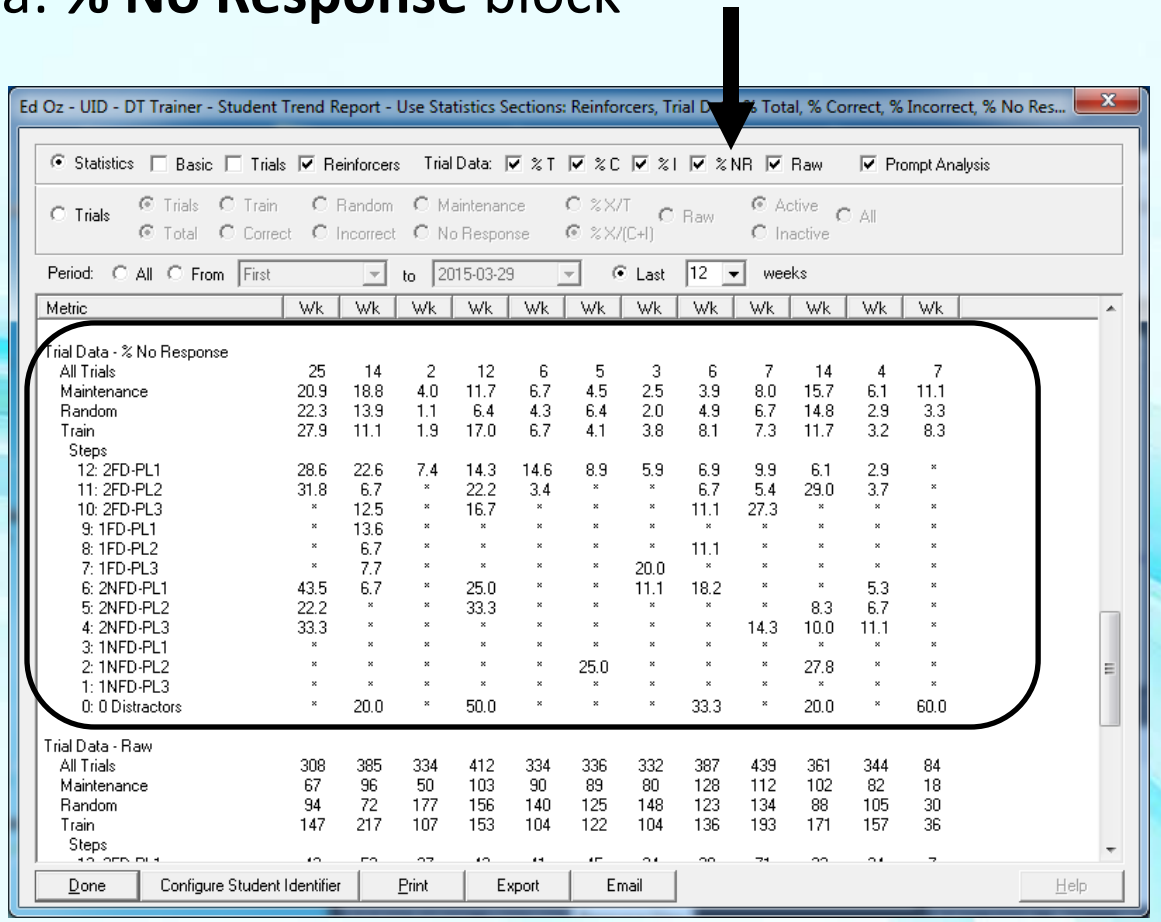
Student Trend Report – Statistics: Trial Data - % No Response Block

- Statistics **-** Trial Data: **% No Response** block
  - All Trials
  - Maintenance
  - Random
  - Train
  - Train mode also broken down into steps 0-12
  - *Answers: Are there attention to task issues, and how that is changing?*



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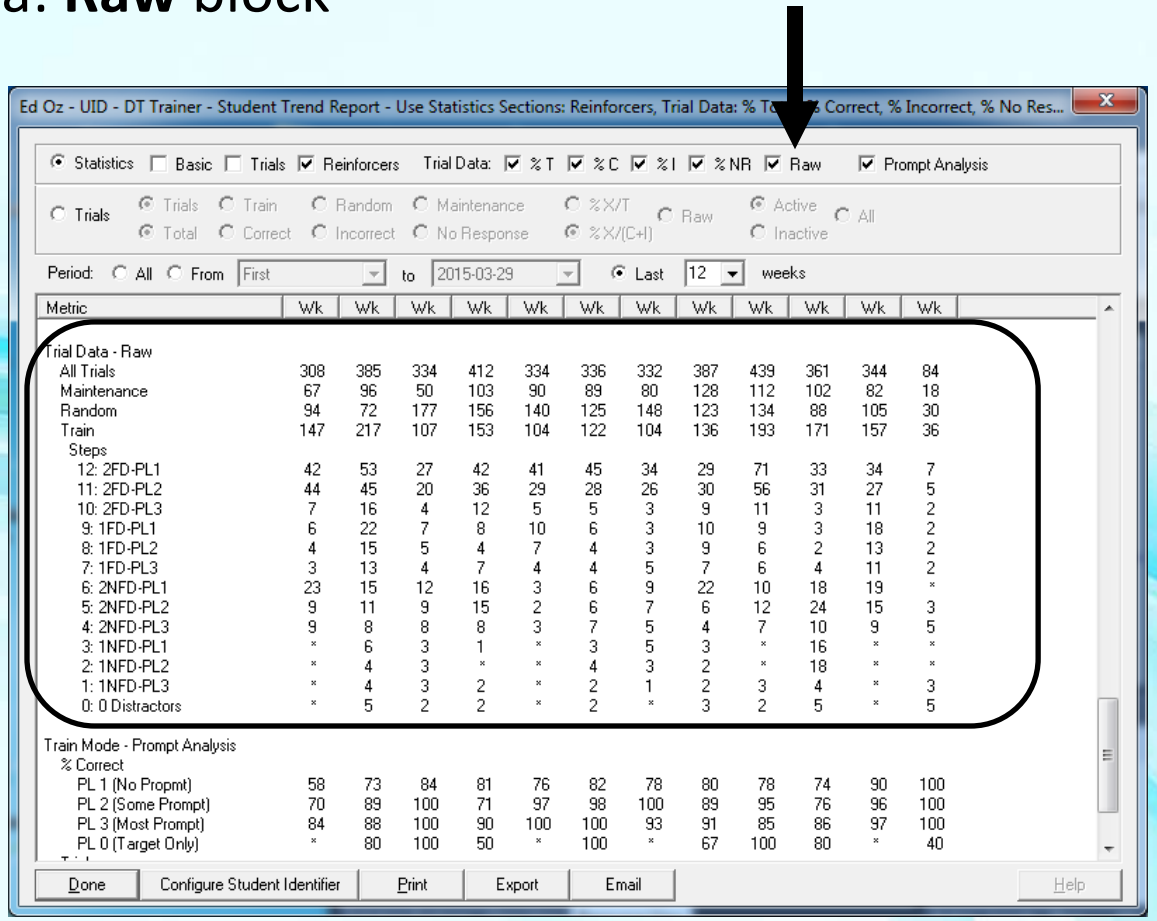
Student Trend Report – Statistics: Trial Data - % Raw Block

- Statistics **-** Trial Data: **Raw** block
  - All Trials
  - Maintenance
  - Random
  - Train
  - Train mode also broken down into steps 0-12
  - *Shows significance of data*



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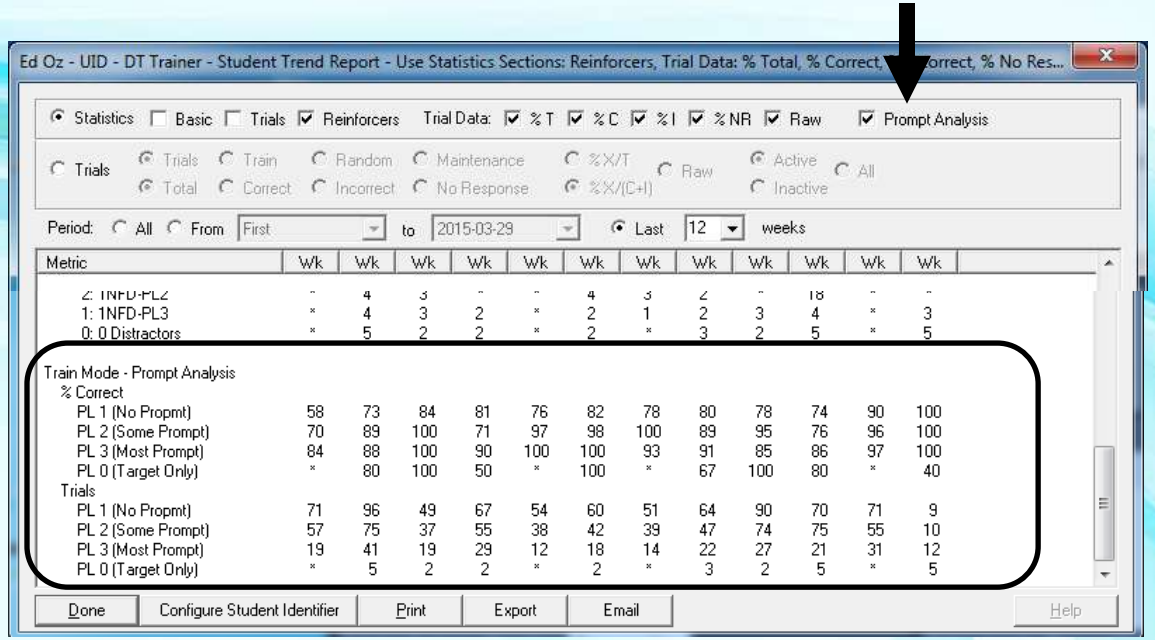
Student Trend Report – Statistics: Trial Data – Prompt Analysis Block

- Statistics **- Prompt Analysis** block (*default*)
  - …a closer look at the train mode – as a function of prompting
  - Shows % Correct and Trials for:
    - Prompt Level 1
      - (No Prompt)
    - Prompt Level 2
      - (Some Prompt)
    - Prompt Level 3
      - (Most Prompt)
    - Prompt Level 0
      - (Target Only)
  - *Verify student understands the prompt and if he is generally learning*



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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **practice student** you created.
  - Open the trend report and turn all statistics blocks off and turn them back on and off one by one looking at the corresponding data.
  - Obviously after your students have been using the program, you will have more interesting data.

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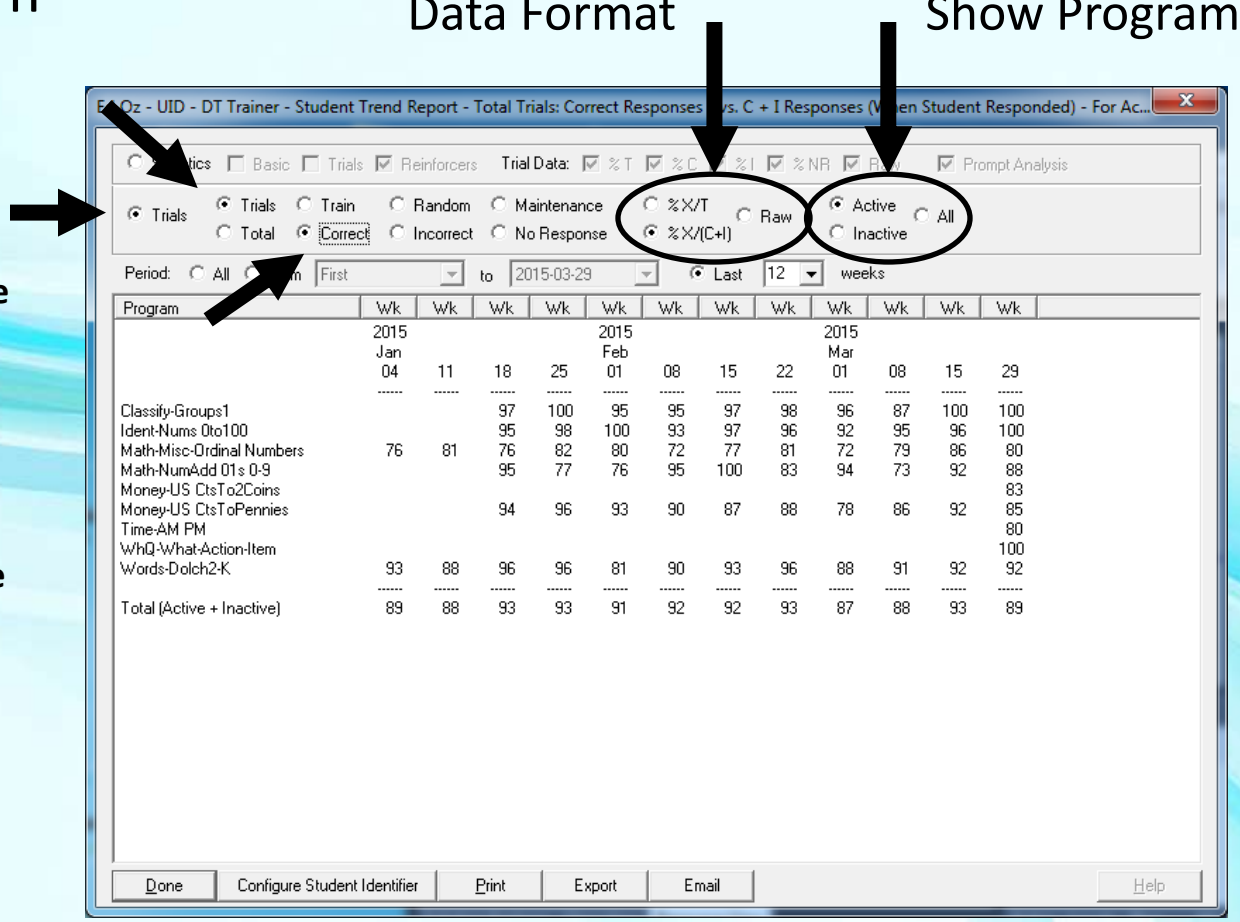
Student Trend Report – Trials by Program

- **Trials** by Program
  - Select:
    - **Trials**
    - **Train**
    - **Random**
    - **Or Maintenance**
  - vs.:
    - **Total**
    - **Correct**
    - **Incorrect**
    - **Or No Response**



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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **practice student** you created.
  - Open the trend report and select the trials report to view the trend data by program. Look at the % data in different data formats.
  - Obviously after your students have been using the program, you will have more interesting data.

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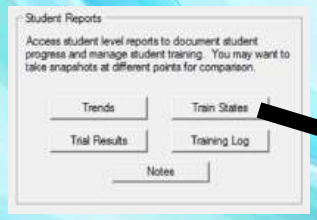
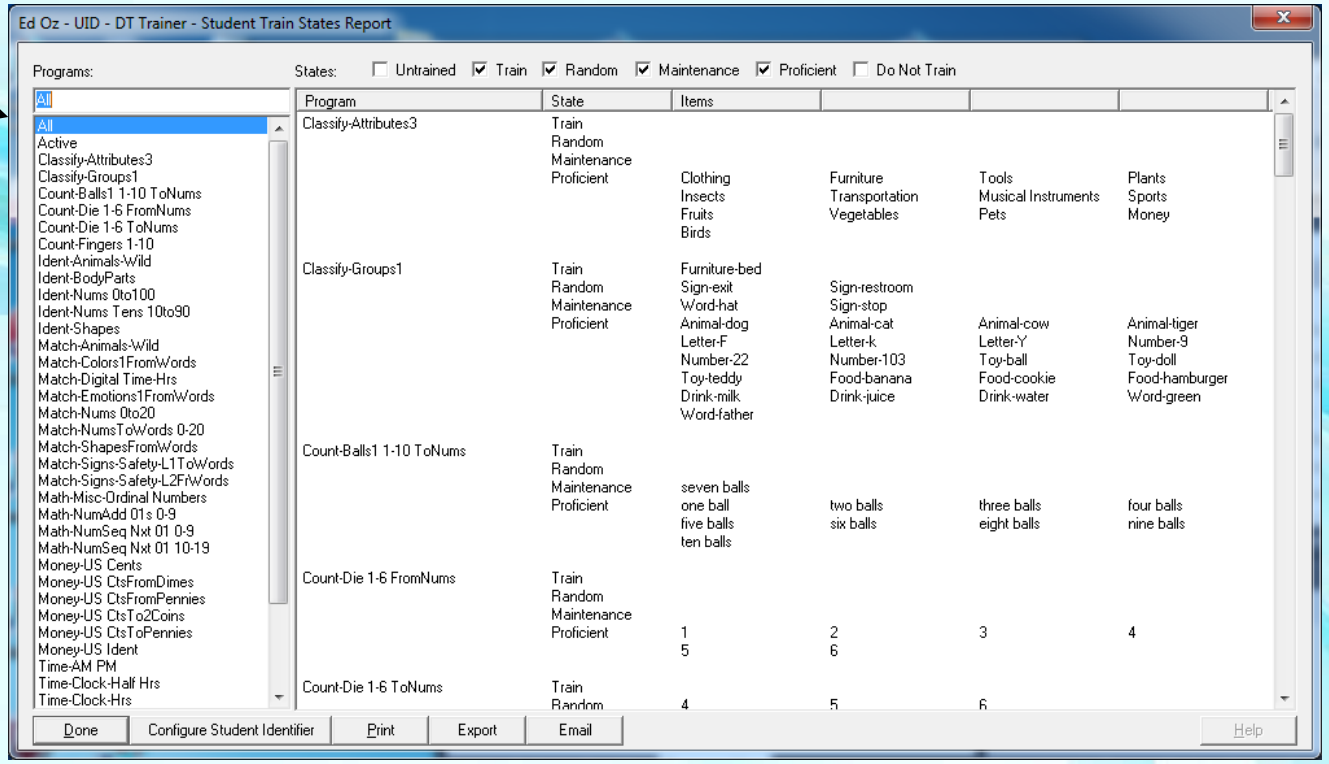
Student Train States Report

- Shows the items by train states per program





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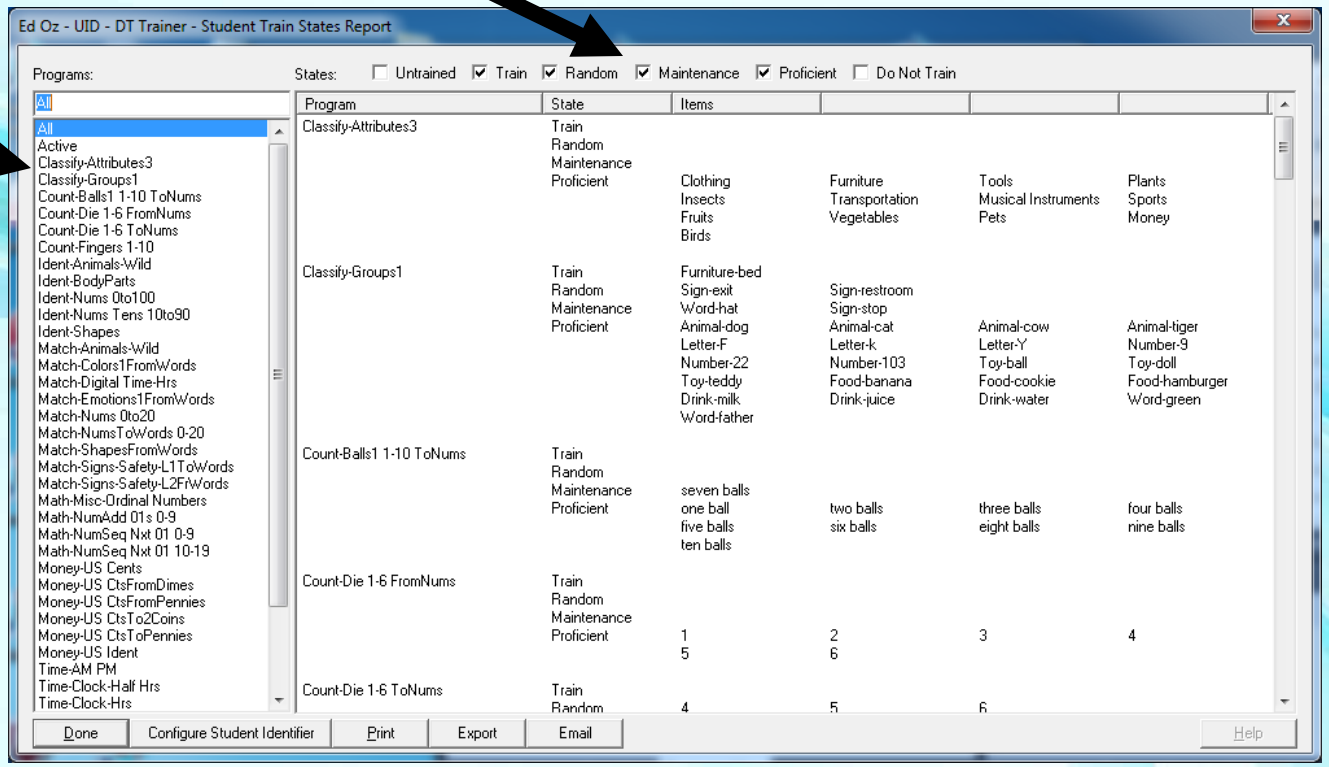
Student Train States Report

- Select:

States: Untrained, Train, Random, Maintenance, Proficient

Default: Train, Random, Maintenance, Proficient

All (Default)
Active
Or Select Program



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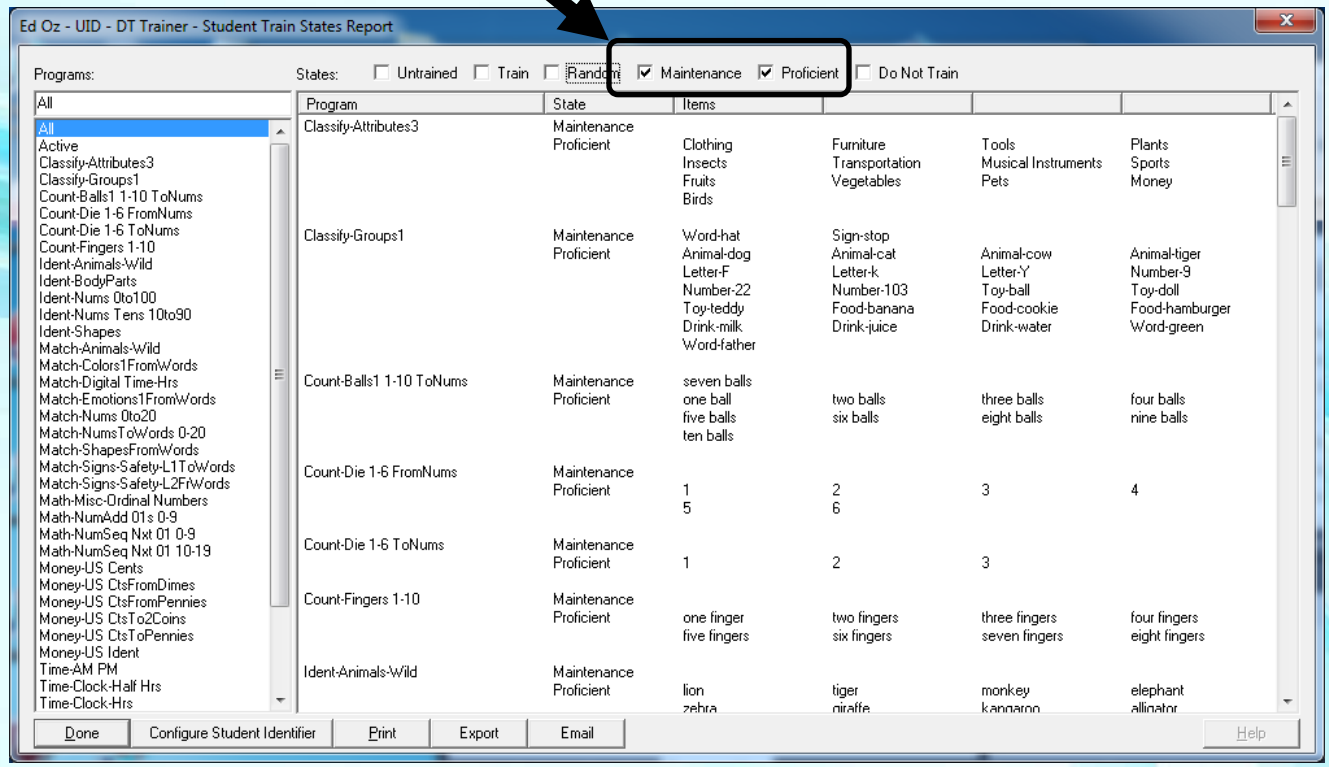
Student Train States Report - Generalization Hit List

- For generalization, expressive & functional language development
  - Select: Maintenance & Proficient
  - Print or Email
  - Give to: TAs, SLPs, Parents, …



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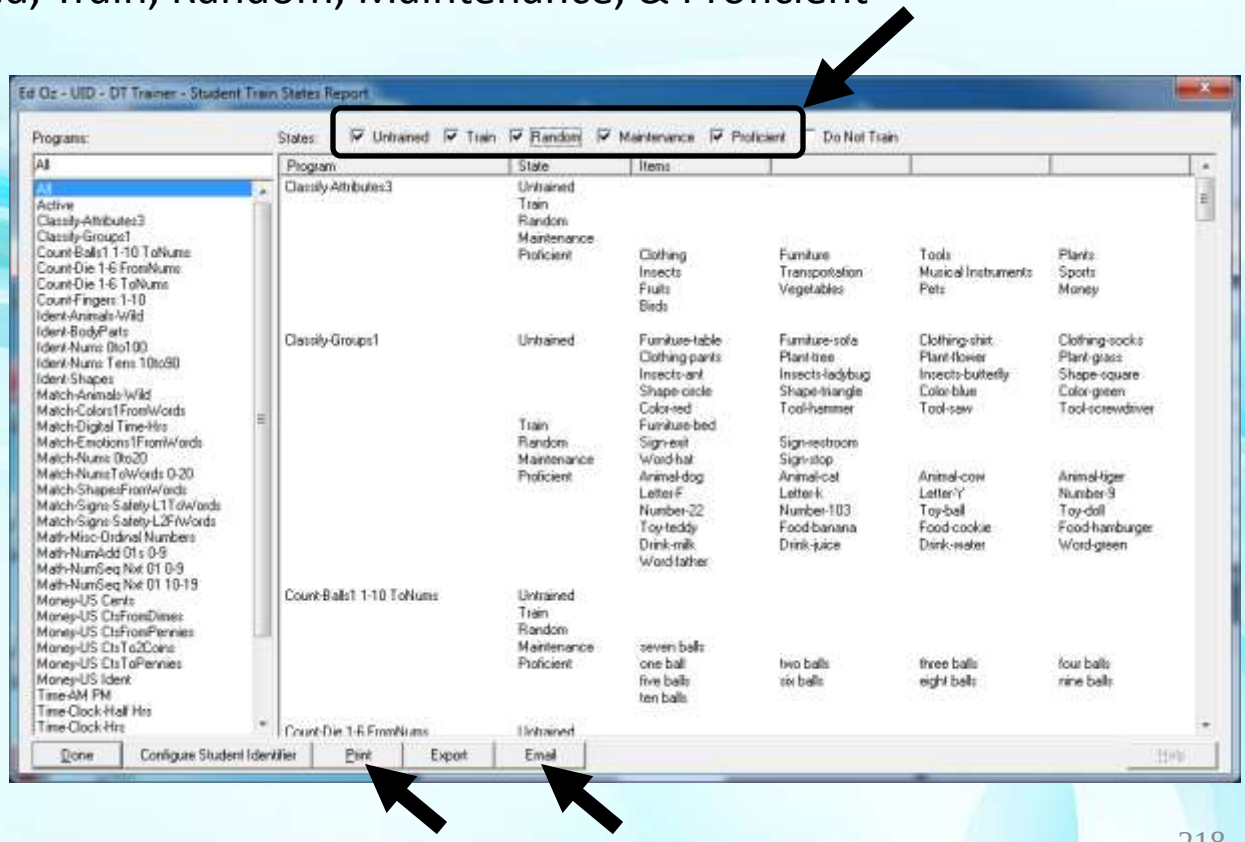
Student Train States Report - Current Status Snapshot

- For current status snapshot
  - What Student “will be working on”, “is working on”, and “has completed”
  - Select: Untrained, Train, Random, Maintenance, & Proficient
  - Print or Email
  - Take to IEP
  - Document current status



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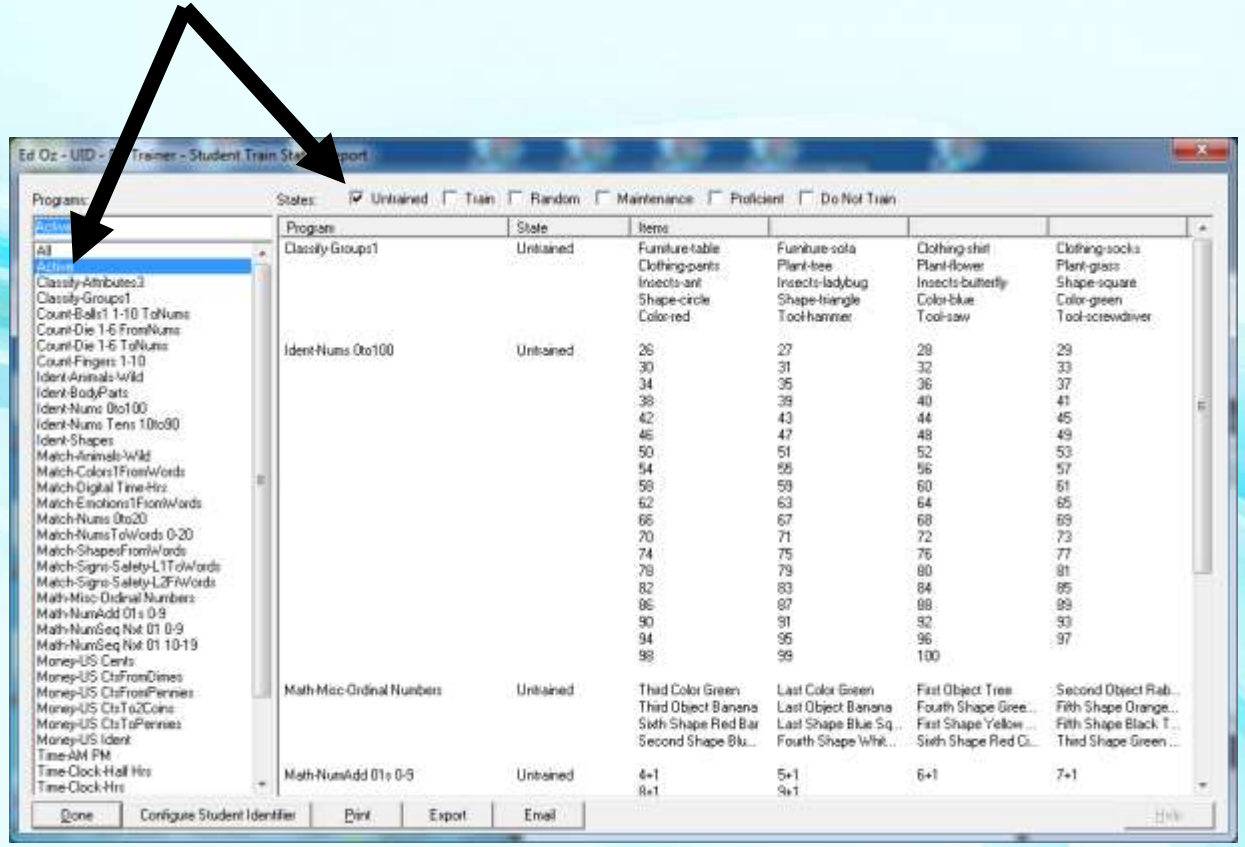
Student Train States Report - Untrained Items

- To view what the student will be working on
  - Select: Active & Untrained
  - If Untrained items are getting low, you need to add or activate more content programs



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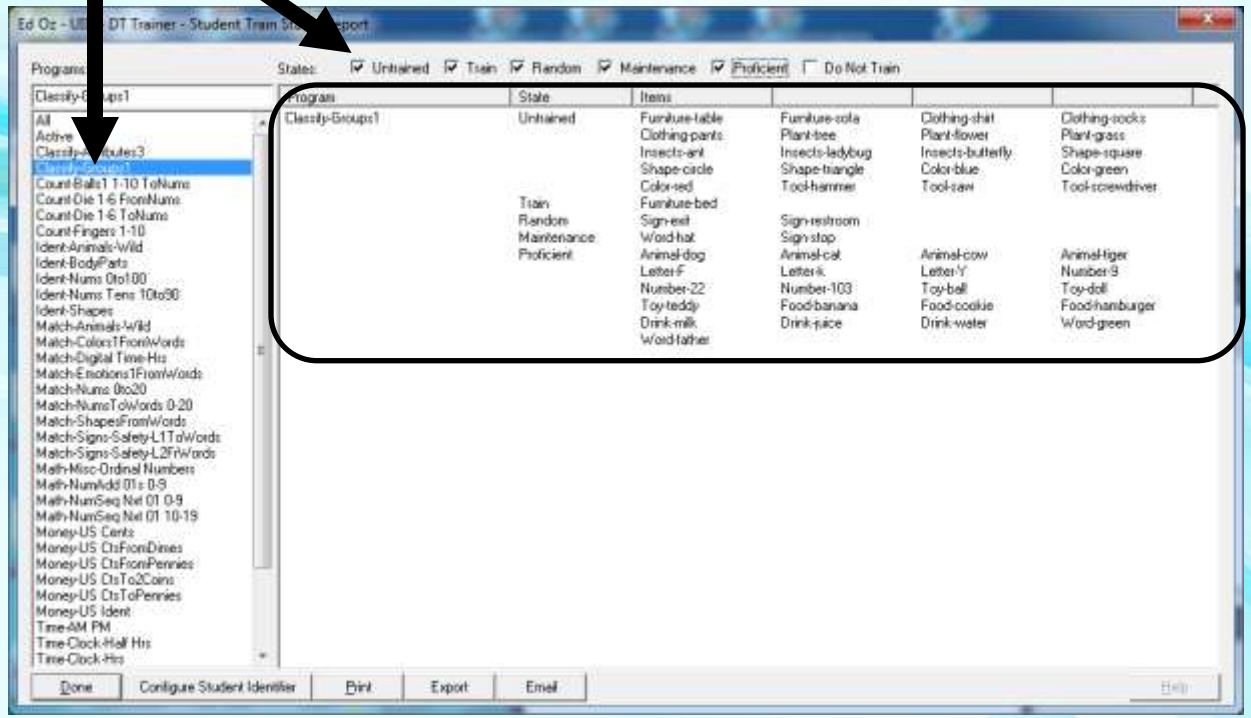
Student Train States Report – Single Program Status

- Document status of single program
  - Select train states and program from list
  - Print or email



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    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **practice student** you created.
  - Open the train states report and select to view all, active, specific programs.
  - Select all programs and individually select the train states viewing the corresponding data and try a generalization report, a current status snapshot, and a untrained report.
  - Obviously after your students have been using the program, you will have more interesting data.

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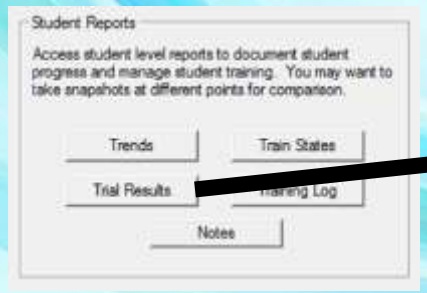
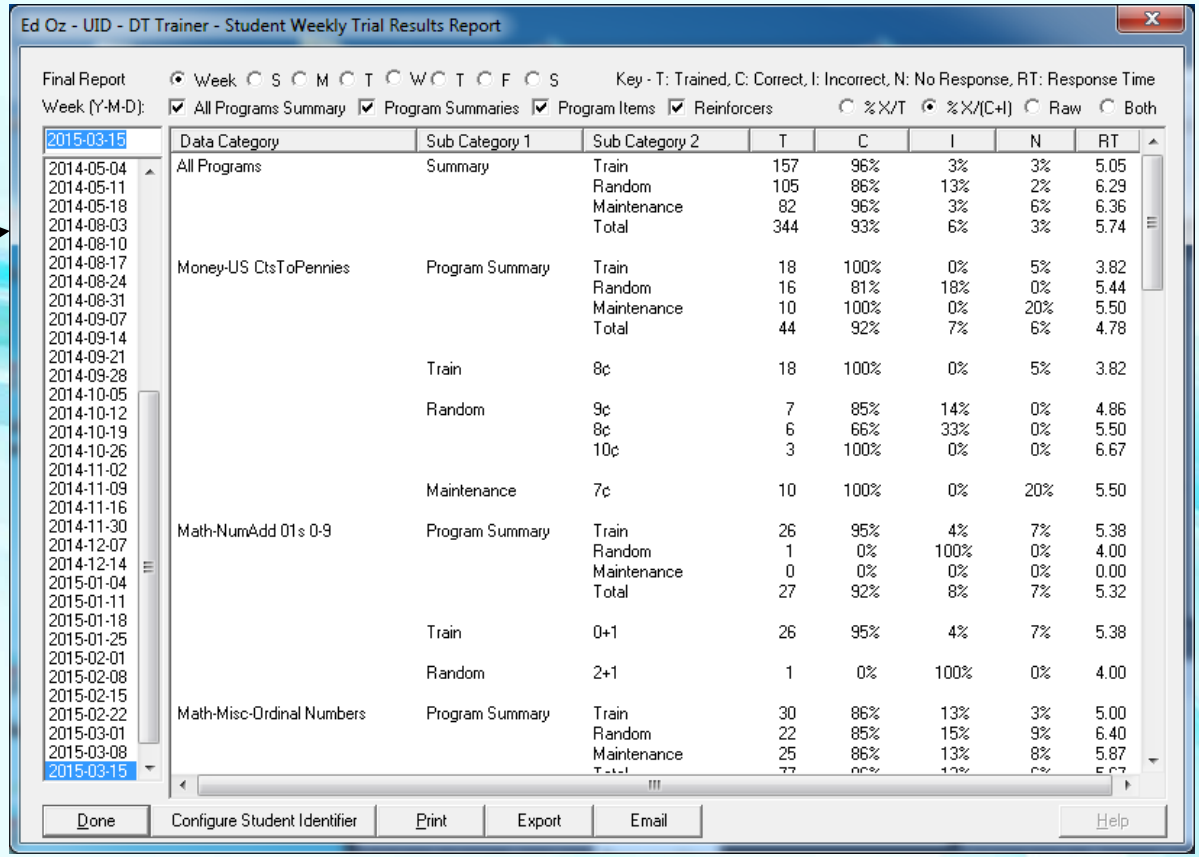
Student Weekly Trial Results Report

- Shows training statistics for items, programs, all programs for selected week





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Student Weekly Trial Results Report Summaries & Item Results

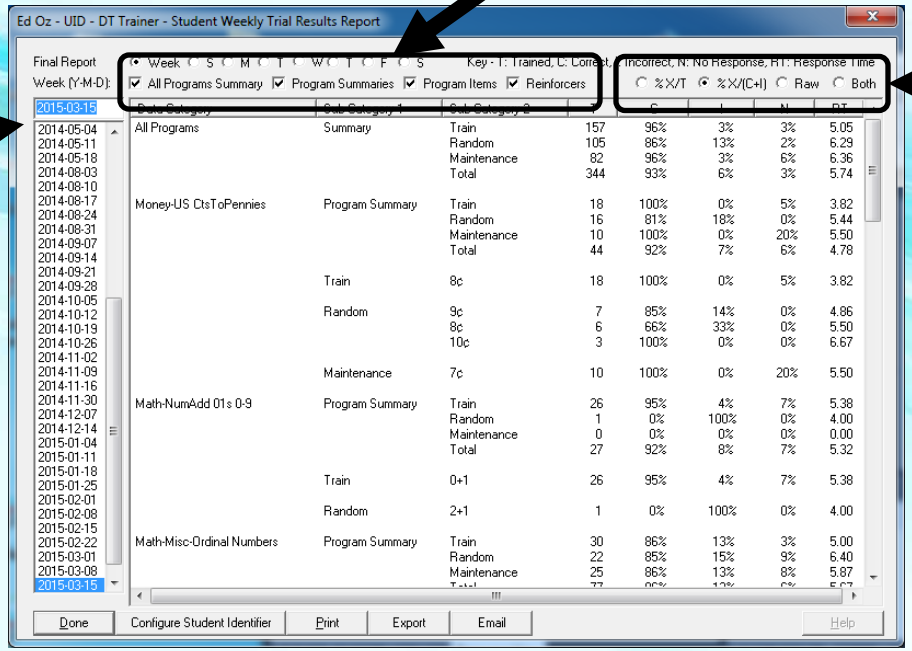
- Select (or use default report)

Blocks:

- All Programs Summary, Program Summaries, Program Items, & Reinforcers
- Default Report: All blocks selected

Week:

- Defaults to current
  - May be partial week
- Or select week



Data format:

- %X/T
- %X/(C+I)
- Raw,
- Both

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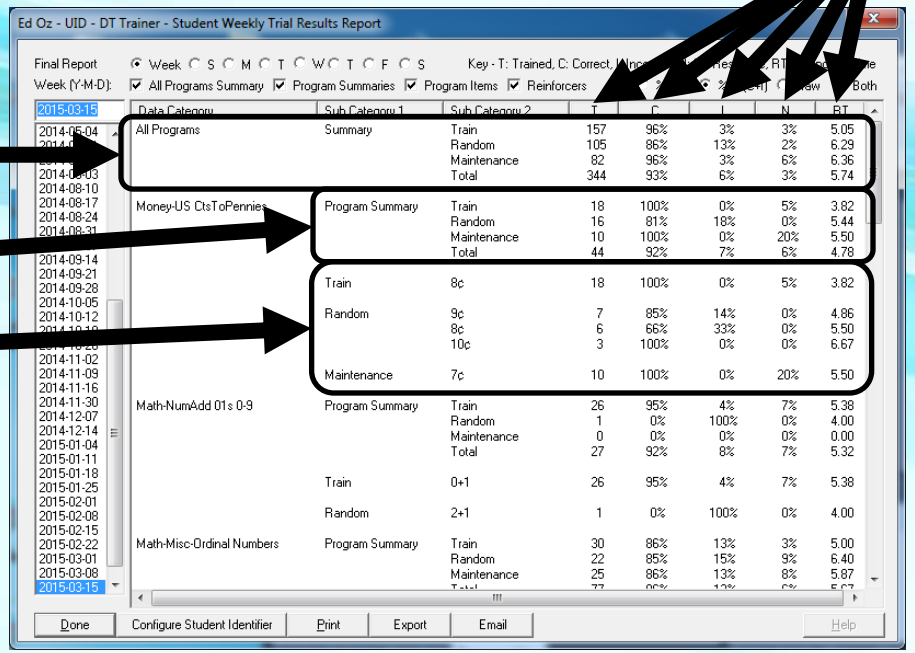
Student Weekly Trial Results Report Data Display

- Displays Student Performance Data

- All Programs Summary
- Program Summaries
- Program Items



Reported data:

- T: Total
- C: Correct
- I: Incorrect
- N: No Response
- RT: Response Time

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **practice student** you created.
  - Open the trial results report and individually view the all programs summary, the programs summaries, and the program items.
  - If you have data on more than one week, you can try selecting different weeks.
  - Obviously after your students have been using the program, you will have more interesting data.

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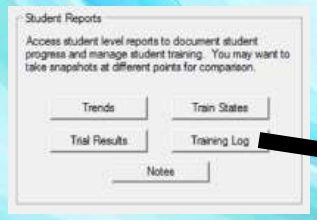
Student Training Log Report

- Shows training log by week



Ed Oz - UID - DT Trainer - Student Weekly Training Log

Week (Y-M-D): Final Report SN: Session Number, TS: Train Step, R: Response, RT: Response Time, ST: Session Time

2015-03-29

2014-04-27 2014-05-04 2014-05-11 2014-05-18 2014-08-03 2014-08-10 2014-08-17 2014-08-24 2014-08-31 2014-09-07 2014-09-14 2014-09-21 2014-09-28 2014-10-05 2014-10-12 2014-10-19 2014-10-26 2014-11-02 2014-11-09 2014-11-16 2014-11-30 2014-12-07 2014-12-14 2015-01-04 2015-01-11 2015-01-18 2015-01-25 2015-02-01 2015-02-08 2015-02-15 2015-02-22 2015-03-01 2015-03-08 2015-03-15 2015-03-29

SN	Time Stamp	Program	Item	State	TS	R	RT	ST	Distracter1	Distracter2	Last Reinforcer
1	Mon Mar 30 09:04:22 2015	Words-Dolch2-K	well	Train	12	C	6	0:06	all	am	
1	Mon Mar 30 09:04:45 2015	Time-AM PM	go to bed - PM	Random		I	10	0:29	AM	AM	
1	Mon Mar 30 09:04:50 2015	Time-AM PM	go to bed - PM	Train	4	C	5	0:34	AM	AM	
1	Mon Mar 30 09:04:57 2015	Math-Misc-Ordinal Numbers	Second Color Red	Train	7	C	3	0:41	Green.jpg		
1	Mon Mar 30 09:05:09 2015	Math-NumAdd 01s 0-9	3+1	Train	4	C	5	0:53	4+1	5+1	
1	Mon Mar 30 09:05:22 2015	Words-Dolch2-K	ride	Random		C	8	1:06	will	too	
1	Mon Mar 30 09:05:35 2015	Money-US CtsTo2Coins	1Nickel1Penny	Random		I	8	1:19	1Dime1Nic...	1Quarter1...	
1	Mon Mar 30 09:05:38 2015	Money-US CtsTo2Coins	1Nickel1Penny	Train	0	C	3	1:22	1Dime1Nic...	1Quarter1...	
1	Mon Mar 30 09:05:53 2015	Money-US CtsToPennies	10¢	Random		C	6	1:37	9¢	1¢	
1	Mon Mar 30 09:06:05 2015	Words-Dolch2-K	saw	Mainten...		C	8	1:49	brown	did	
1	Mon Mar 30 09:06:25 2015	WhQ-What-Sign-Symbol-L1		Train	0	N	12	2:09			Whack-A-Spider
1	Mon Mar 30 09:06:38 2015	WhQ-What-Sign-Symbol-L1		Train	0	N	12	2:22			Whack-A-Spider
1	Mon Mar 30 09:06:51 2015	WhQ-What-Sign-Symbol-L1		Train	0	N	12	2:35			Whack-A-Spider
2	Mon Mar 30 09:08:46 2015	Money-US CtsToPennies	8¢	Train	12	C	5	0:05	1¢	2¢	
2	Mon Mar 30 09:08:58 2015	Math-NumAdd 01s 0-9	2+1	Random		C	8	0:17	0+1	1+1	
2	Mon Mar 30 09:09:11 2015	WhQ-What-Action-Item	Color-Crayon	Random		C	8	0:30	Cut-Scissors	Eat-Spoon	
2	Mon Mar 30 09:09:16 2015	WhQ-What-Action-Item	Color-Crayon	Random		C	4	0:35	Cook-Stove	BlowNose-...	
2	Mon Mar 30 09:09:27 2015	Classify-Groups1	Sign-exit	Random		N	11	0:46	k_lc.jpg	k_lc.jpg	
2	Mon Mar 30 09:09:35 2015	Classify-Groups1	Sign-exit	Random		C	8	0:54	Socks.jpg	Socks.jpg	
2	Mon Mar 30 09:09:46 2015	Classify-Groups1	Word-father	Mainten...		C	7	1:05	Hamburger...	Hamburger...	
2	Mon Mar 30 09:09:54 2015	Money-US CtsToPennies	10¢	Random		C	4	1:13	9¢	1¢	
2	Mon Mar 30 09:10:08 2015	Words-Dolch2-K	brown	Mainten...		C	9	1:27	saw	all	
2	Mon Mar 30 09:10:25 2015	Math-NumAdd 01s 0-9	0+1	Random		I	7	1:44	2+1	1+1	Whack-A-Spider
2	Mon Mar 30 09:10:35 2015	Math-NumAdd 01s 0-9	0+1	Random		C	5	1:54	2+1	1+1	
2	Mon Mar 30 09:10:48 2015	Ident-Nums 0to100	22	Mainten...		C	9	2:07	23	14	
2	Mon Mar 30 09:11:01 2015	Ident-Nums 0to100	25	Train	9	C	9	2:20	0		
2	Mon Mar 30 09:11:08 2015	Math-Misc-Ordinal Numbers	Second Color Red	Train	7	C	3	2:27	Green.jpg		
2	Mon Mar 30 09:11:20 2015	Words-Dolch2-K	well	Train	12	C	5	2:39	all	am	
2	Mon Mar 30 09:11:35 2015	Money-US CtsToPennies	8¢	Train	12	C	9	2:54	1¢	2¢	
2	Mon Mar 30 09:11:42 2015	Math-NumAdd 01s 0-9	3+1	Train	4	C	4	3:01	4+1	5+1	
2	Mon Mar 30 09:11:52 2015	Classify-Groups1	Sign-restroom	Random		C	5	3:11	Sofa.jpg	Sofa.jpg	
2	Mon Mar 30 09:12:02 2015	Time-AM PM	go to bed - PM	Train	4	C	5	3:21	12:00 noon	12:00 noon	Player Piano 1

Done | Configure Student Identifier | Print | Export | Email | Help

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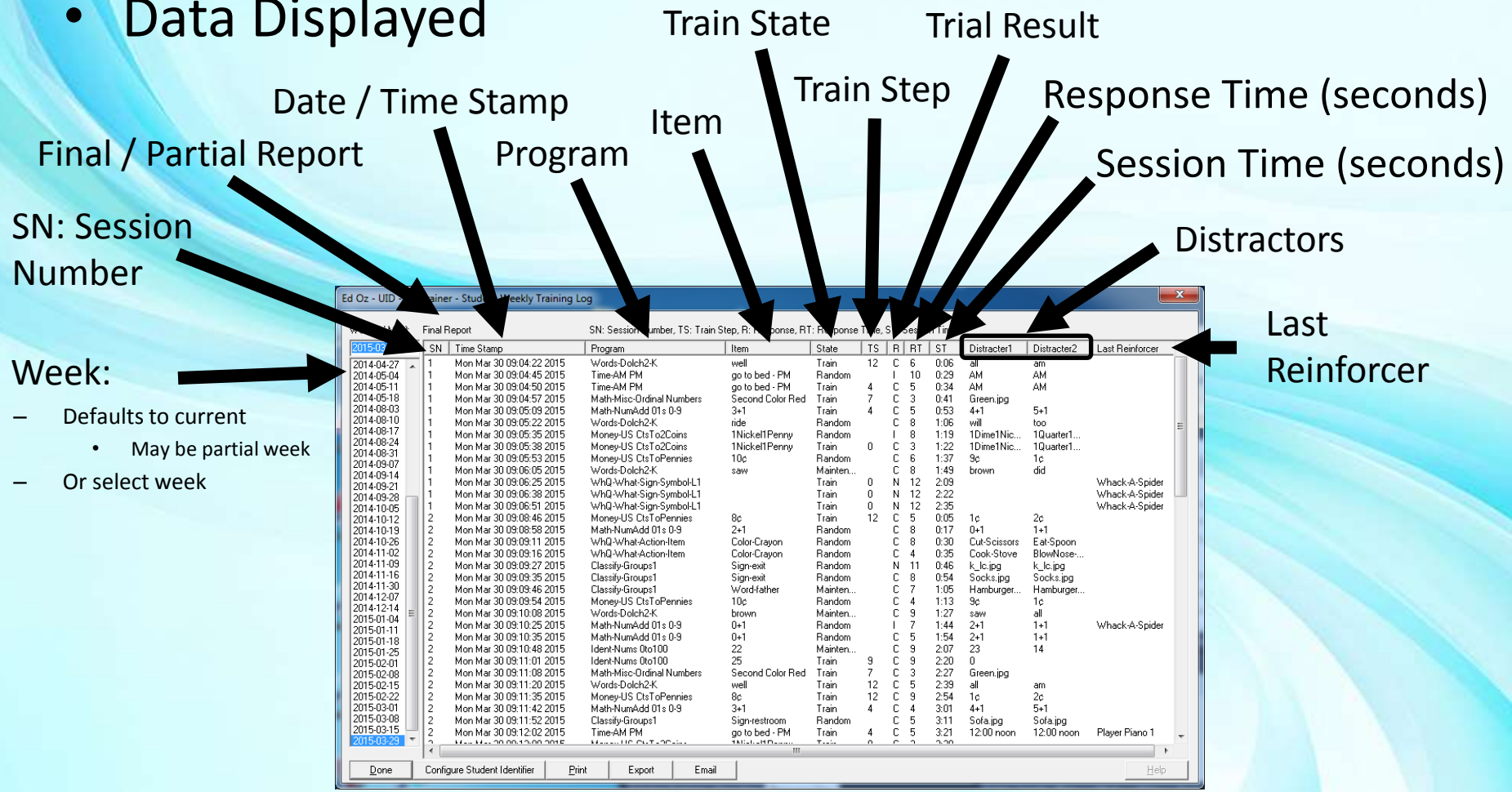
Student Training Log Report - Reading the Report

- Data Displayed



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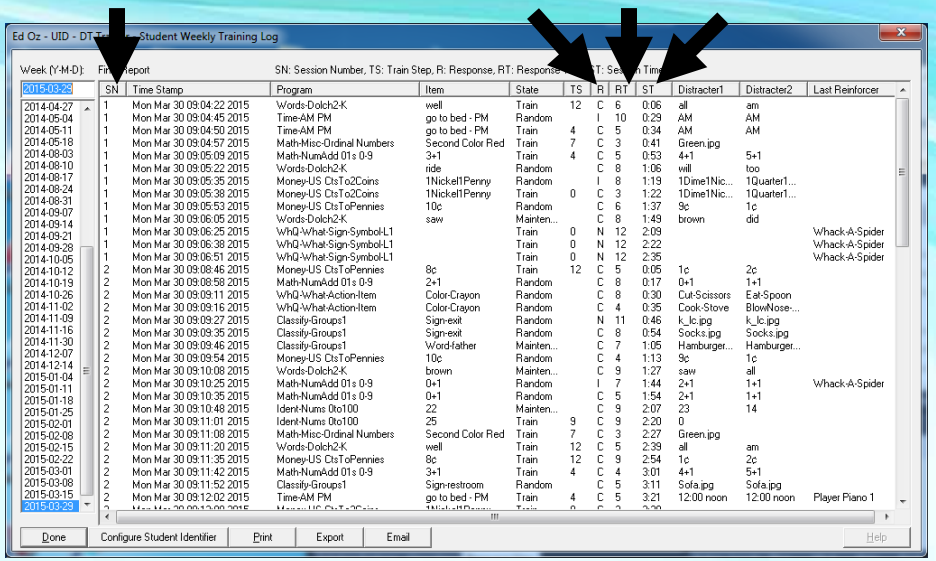
Student Training Log Report

- Generally a less useful report
  - One use is to look for longer response times, or increases in no responses or incorrect responses toward end of sessions as indication that session time may be too long.



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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **practice student** you created.
  - Open the training log and identify each of the columns by the abbreviation. You should know the actual name.

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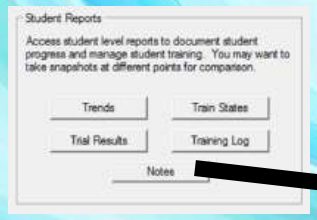
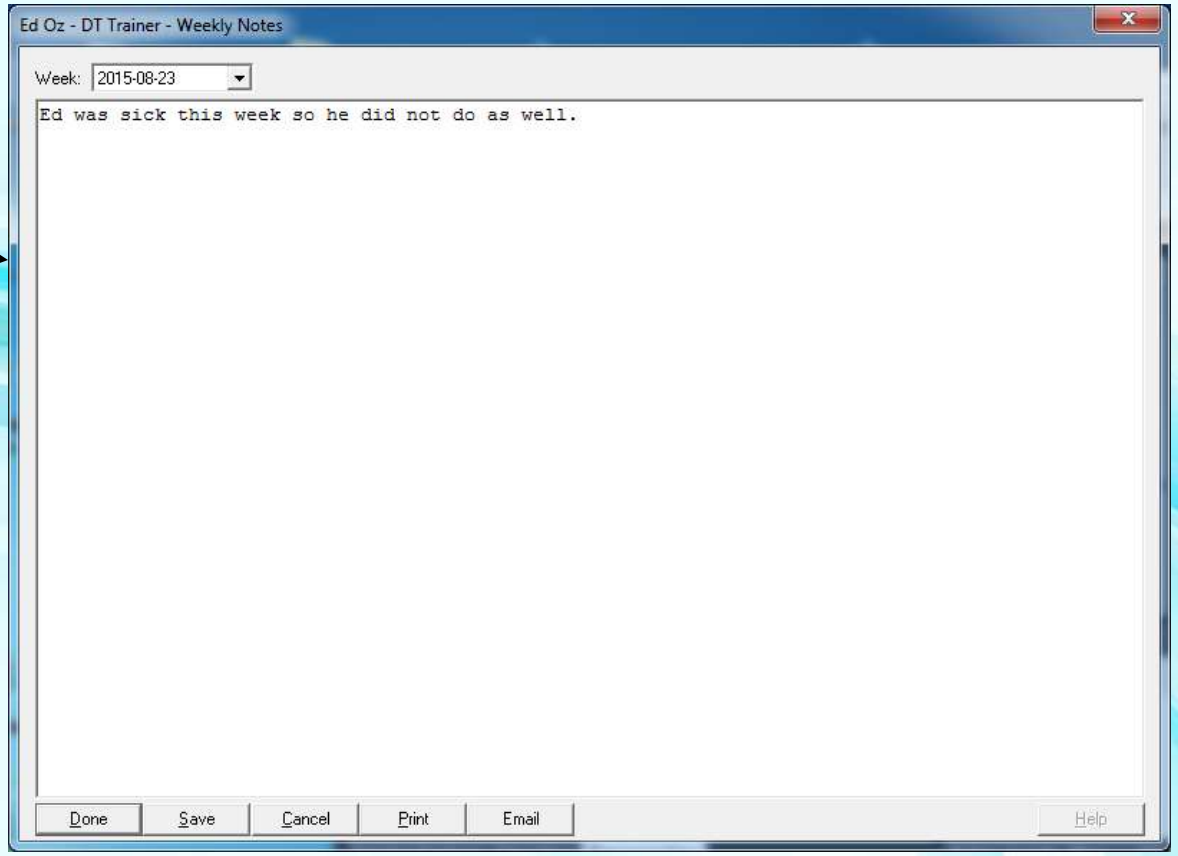
Student Weekly Notes

- Shows associated notes by week





- Create and view notes associated with specified week
- Create notes for current week
- View or edit notes for previous weeks
- Use Current (default) week or select week
- Use this feature to document issues affecting training

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Go Try It!

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  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **practice student** you created.
  - Open the notes and enter a note for the student.

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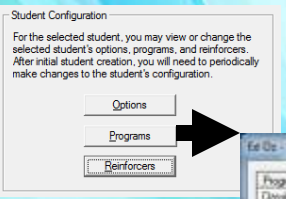
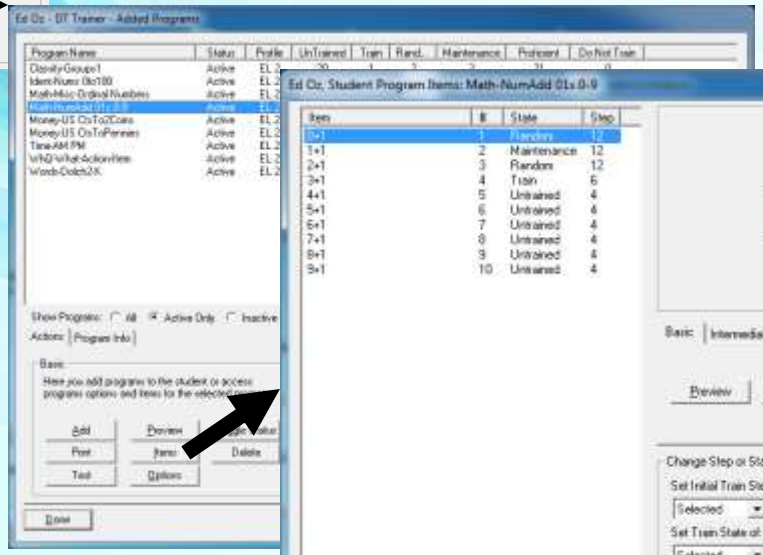
Other Reports

- Program and Item Reports



Program List (also a Report)

- Shows # items per train state by program

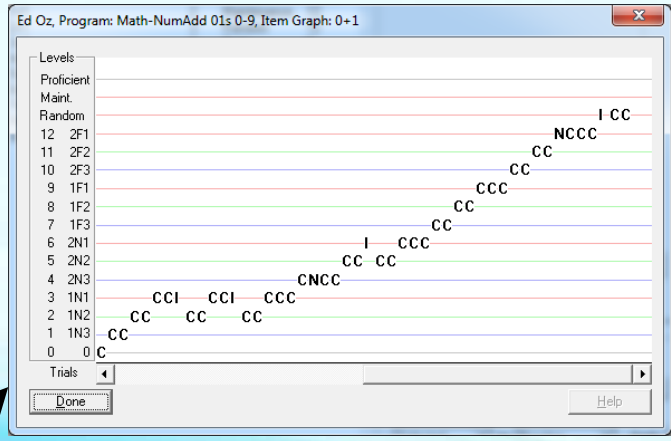


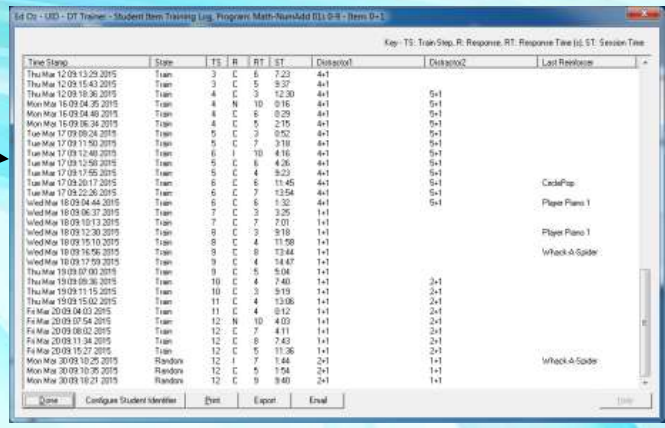
Item List (also a Report)

- Shows current train states of items

Item Training Graph (also a Report)

- Shows trial history by trial state & step





Item Training Log (also a Report)

- Shows trial history with time stamps

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Item Training Graph

- Graph of item trials
  - Response vs. Train State & Step
    - Train (by Level), Random & Maintenance Modes

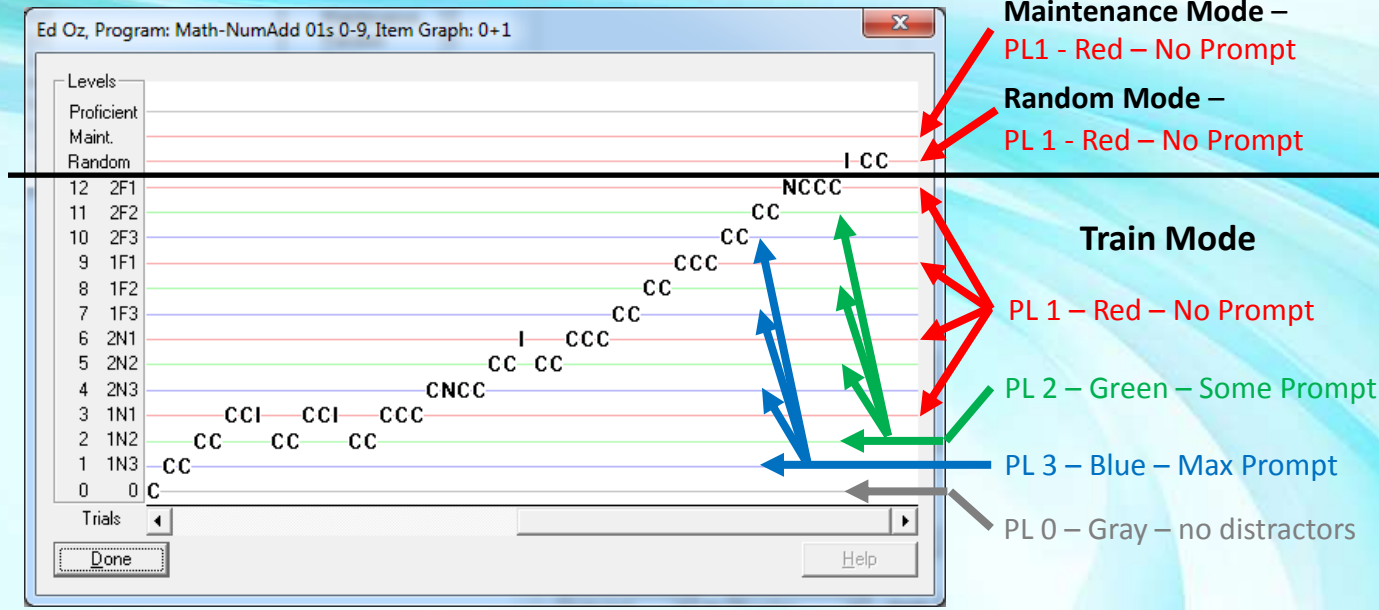
Random & Maintenance Modes - Look for:

- Frequent fallbacks into train mode
  - Needs more practice in train mode?
  - Needs lower Training Profile?

Train Mode - Look for:

- Prompted (PL3 & PL2) Responses
  - Mostly Correct: Understands Prompt
- Unprompted (PL1) Responses
  - Many Errors: May not be ready for program

Prompt Levels (PL)s are Color Coded ☺



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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **practice student** you created.
  - Open the students programs, select a program, select an item, and open the graph.
  - View the different lines on the graph and relate them to the students training modes and steps as well as the number of distractors, familiar or unfamiliar prompts, and the prompt level.

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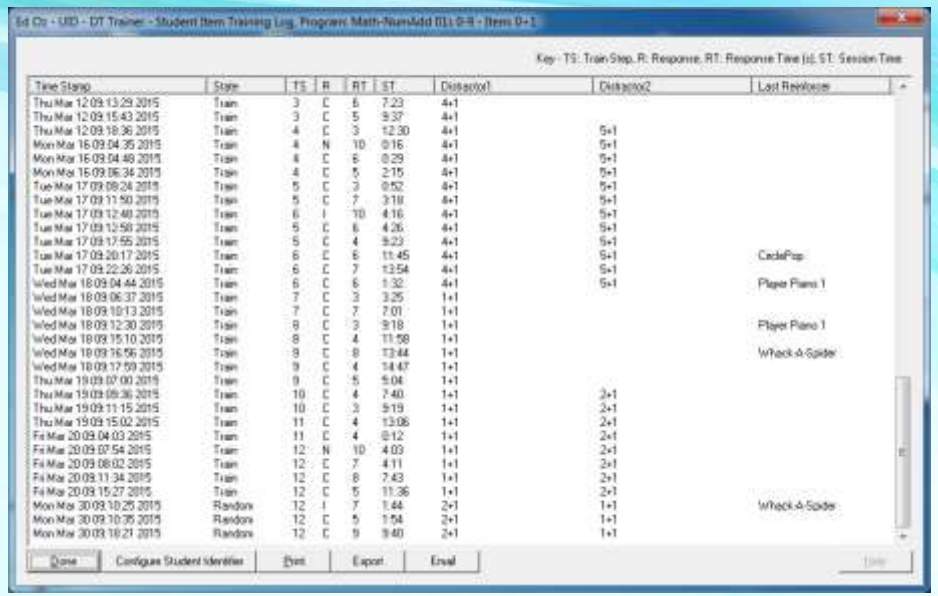
Item Training Log

- Log of Item trials
  - Columns like Weekly Log
  - Time stamp for each trial
  - Look for issues related to training gaps or when trials were performed.



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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **practice student** you created.
  - Open the students programs, select a program, select an item, and open the log.
  - Look at the time stamp of each trial and the program, item and other data. You should understand each of the column abbreviations.

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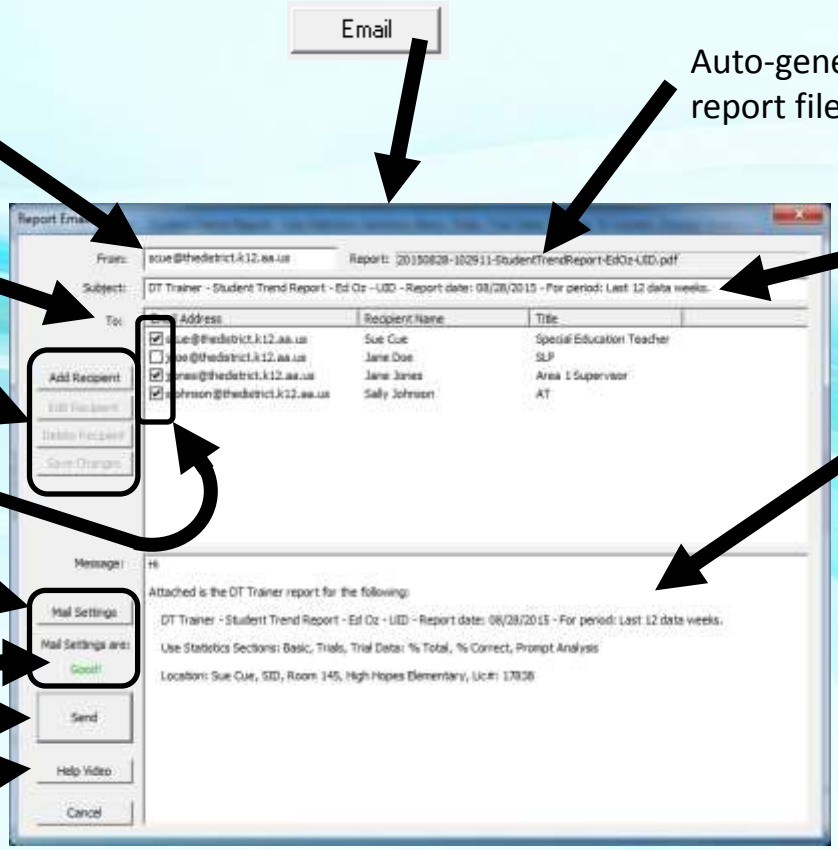
Report Emailer

- Easily email reports to preconfigured recipients



Auto-filled From:

- Uses Contact name from Registration Tab… should be lead teacher

Persistent recipient list

- To Sender (by default)
- Add, Edit, Delete, and Save Changes to manage list
- Check boxes to include or exclude recipients from current email

Configure Mail Settings

- Just first time
- Check status

Click Send button

More info: Help Video

Auto-generated unique report file name

Auto-generated report Subject

Auto-generated report Message

- Can edit
- Report Info
- Location from Registration Tab

Designed to just Click "Email" then "Send" if no changes

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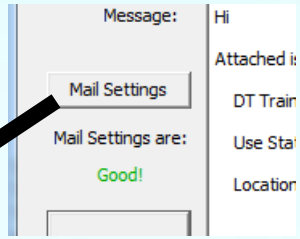
Email Configuration

- Configure Emailer for Use



Enter your name & email address

Enter your logon user name

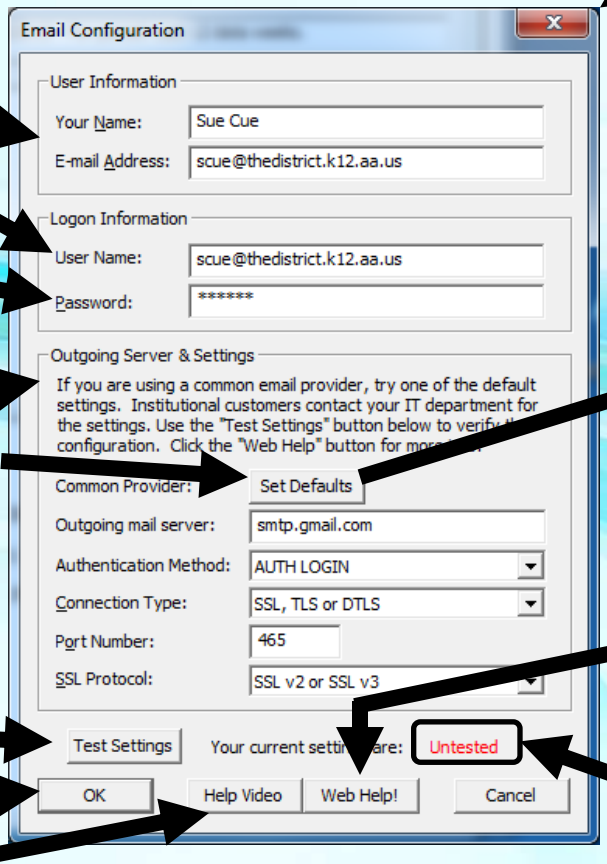
- this is usually your email address

Enter your email password

- Username & password are encrypted and saved on your computer.

Outgoing Server & Settings

- Check settings for common providers
  - More for **home users**



Common settings for Hotmail/Live, Gmail, and Yahoo

Outgoing Server & Settings

- Click Web Help button
  - More Info
  - **Template to email IT person in your district for settings**

Settings should be "Good"

Test Settings!

Click OK when done

View "Help Video" for more info

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the student administration tab, select a **practice student** you created.
  - Select a report, and click the email button.
  - Checkout the report emailer controls creating a recipient.
  - Also look at the email configuration and the web help.
  - You or someone from IT will need to set up the emailer before using the report emailer feature.

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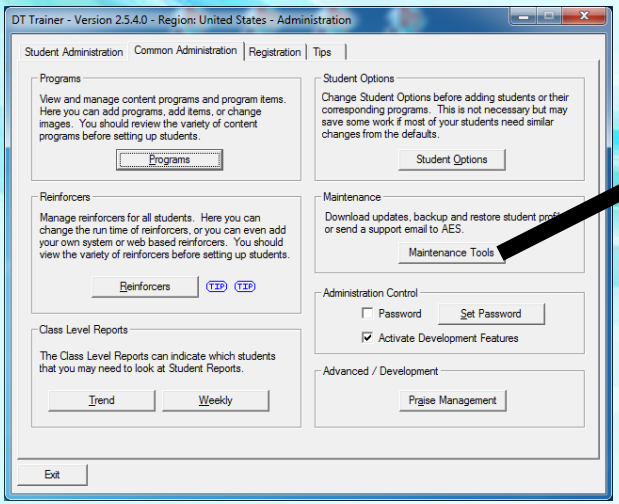
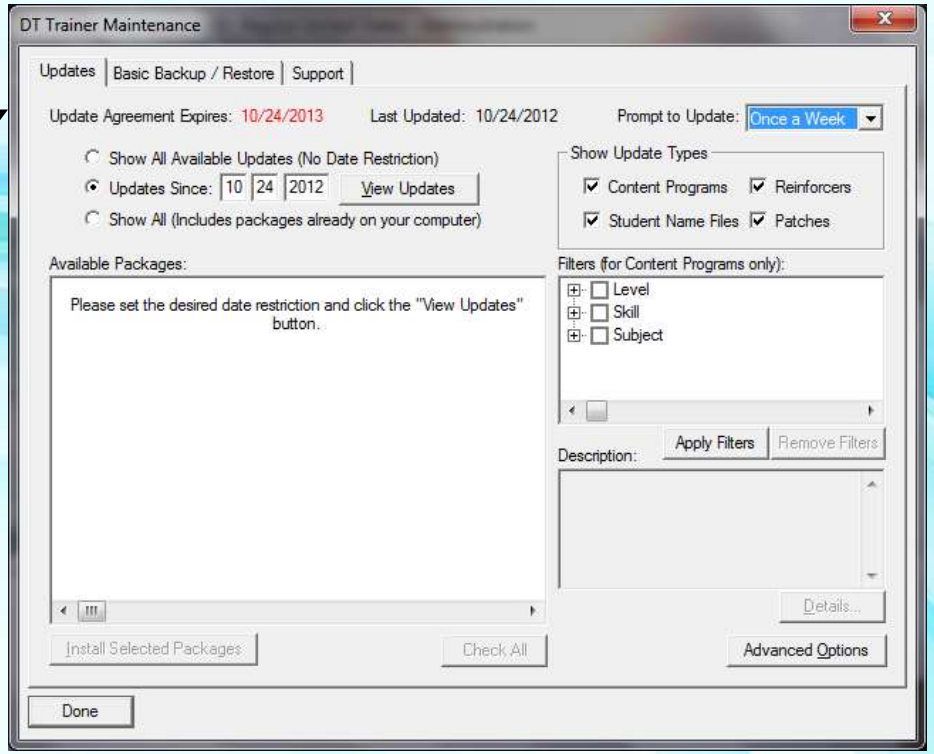
Part 9 - Maintenance Tools

- Launch “Maintenance Tools”
  - from Common Administration





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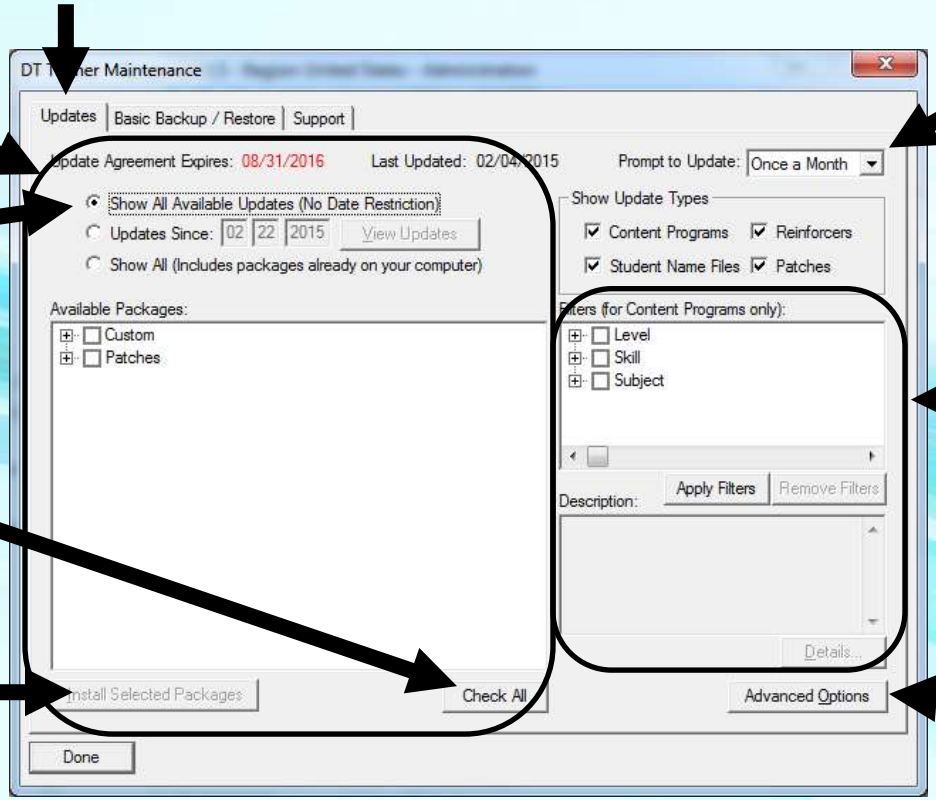
Maintenance Tools - Updates

Manually Check for Updates

1. Show All Available
2. Check All
3. Install Selected Packages



Check for Updates Schedule

Optional Filters

Advanced Options

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Maintenance Tools – Updates - Advanced Options

Check box for DT Trainer to check for updates each time Admin is run.

- Can click “Skip” to cancel check

Check this to eliminate having to click “Yes” to accept the updates.

Selected Country

- United States (Default)

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Checking for Updates

- On DTT Administration Launch
  - Yes
    - Shows available updates
    - Can choose to get updates
    - Get Updates through support period
  - No, but remind me to check again
    - Never, Next Launch, Tomorrow, In 3 Days, In a Week, In a Month
  - Checks on a preset schedule
    - Never, Every Launch, Once a Week, Once a Month, Every 3 Months, Every 6 Months
    - Reset in “Maintenance Tools”

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the common administration tab and the maintenance tools button.
  - Select Check for All Available updates, and if any then select them and install.
  - View the other controls on the updates tab.

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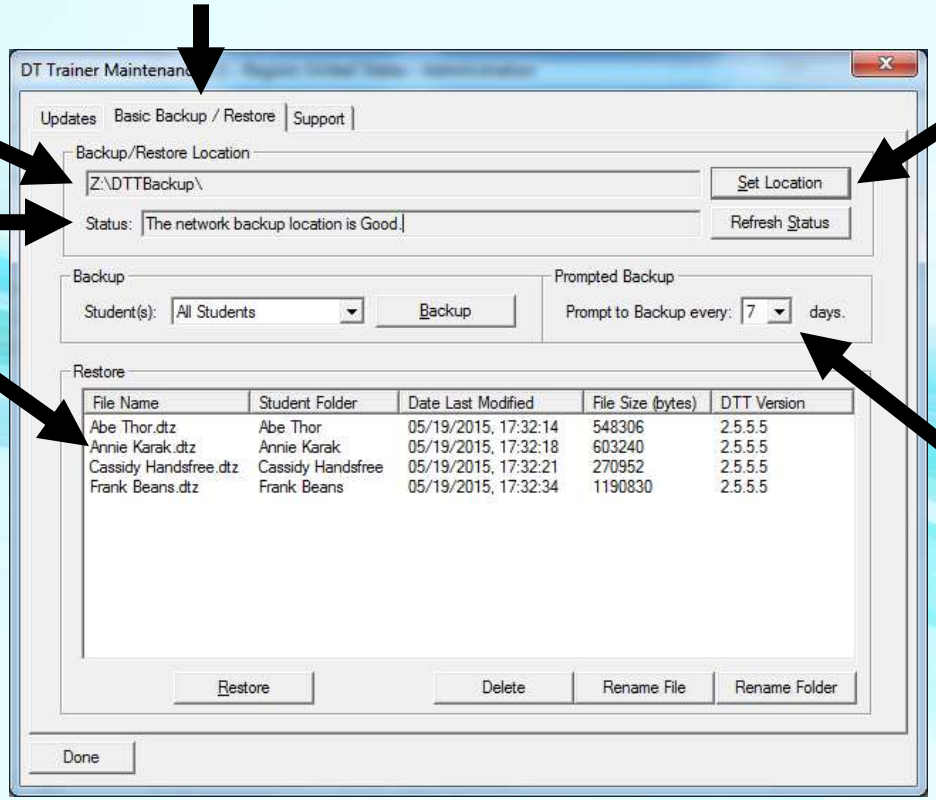
Maintenance Tools – Basic Backup / Restore

Current Location

- Status of current location
- Previous backups at location
- Choice of Location
  - Best: Network server
  - OK: Thumb drive
  - Poor: Local hard drive



Set or Change Backup / Restore Location

Set Prompted Backup frequency

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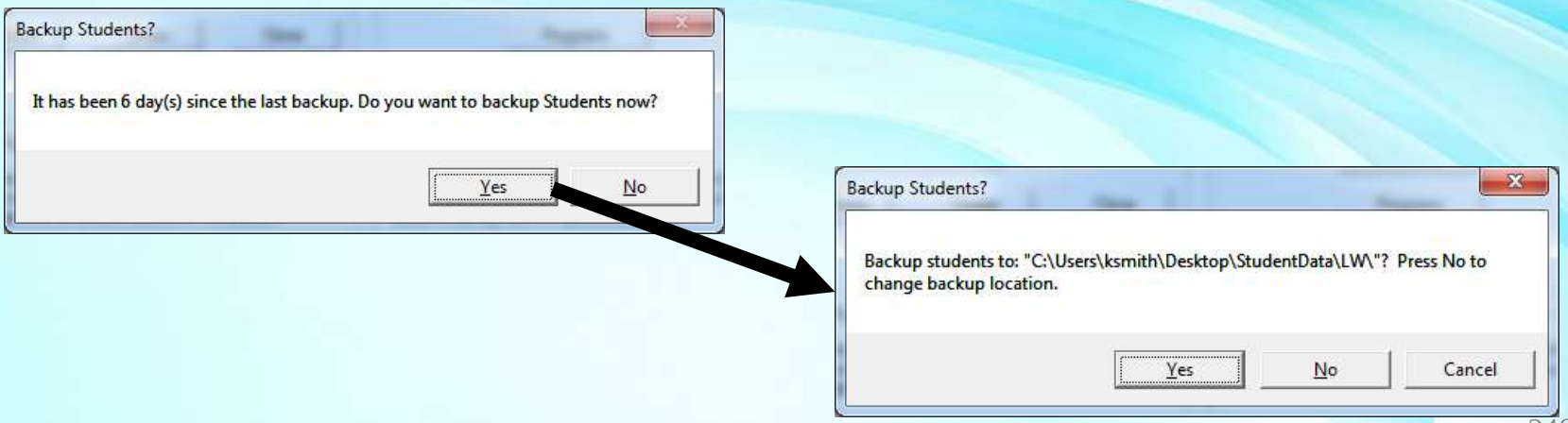
Prompted Backups

- DT Trainer Prompts to backup students
  - On exit of DT Trainer Administration
  - At specified frequency (or next exit of admin)
  - Provides information on when last backup occurred
  - Streamlined backup
  - Backup location must already be set and available



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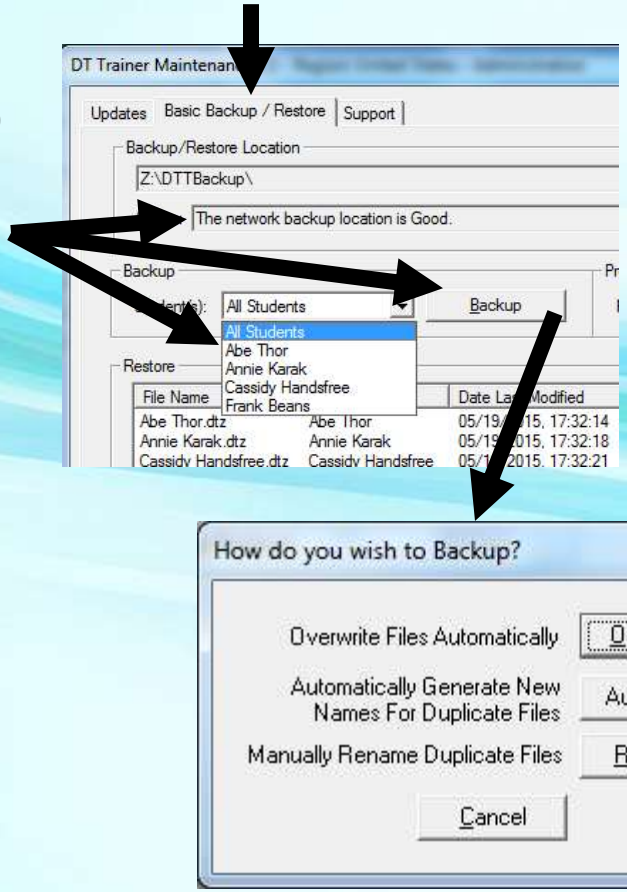
Maintenance Tools – Manual Backup

Run Manual Backup

- Backup location has to be good
- Pick “All” or specific student
- Click “Backup”



Just overwrite the last backup (Default)

Automatically create a unique name for duplicate backup (student backed up previously)

Manually create unique name for duplicates

Creates one file per student

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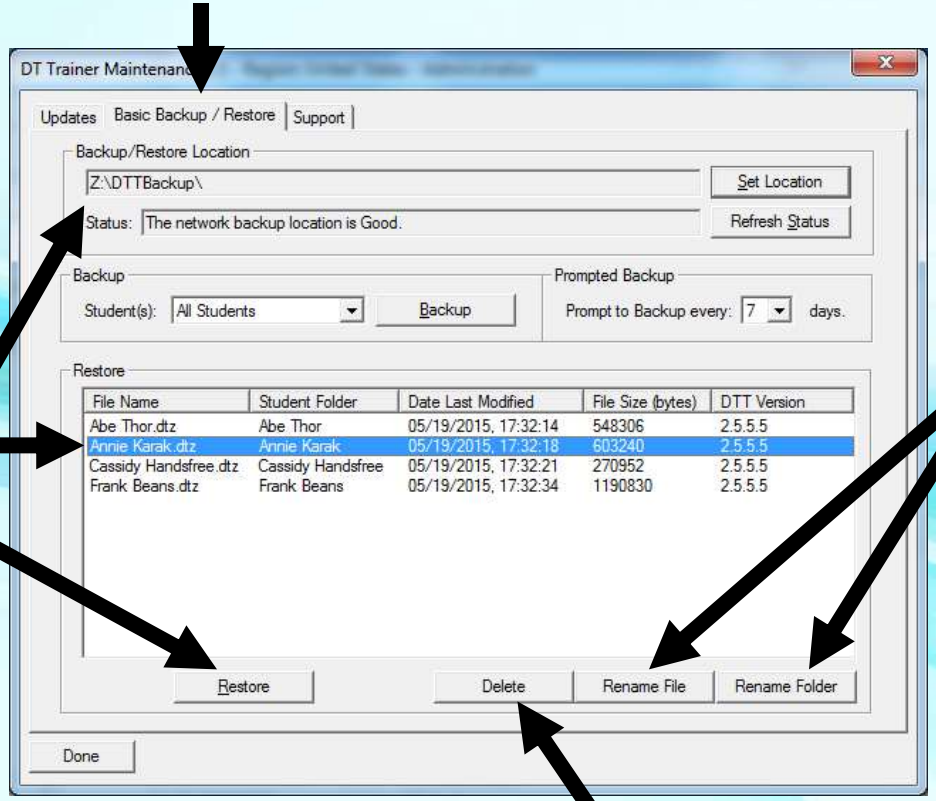
Maintenance Tools – Restore Student

Restore Student

- Set Backup Location
- Select student
- Click “Restore”



Rename the File or Folder

- If sending us data, obscure the student identity by renaming the file and folder

Delete Student from Backup Location

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Maintenance Tools – Backup Tips

- Backup Student Data/Configuration
  - In case of computer crash
  - Before swapping out the computer
  - Before summer break
    - Computers wiped or replaced over summer?
  - Move student to new class

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the common administration tab and the maintenance tools button.
  - Select the Basic Backup / Restore tab.
  - Set a backup location like a folder on the network share.
  - Try running a backup and run a restore as well.
  - Explore the other information, controls, and features.

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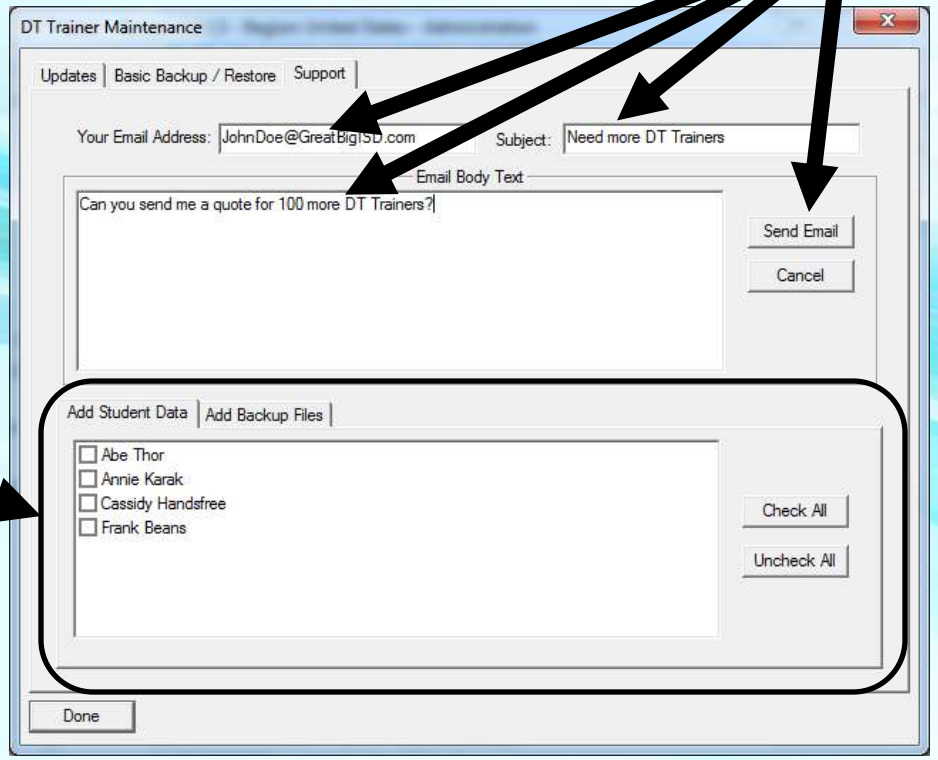
Maintenance Tools Support (Email)

Enter your email address, subject, message, and hit Send Email.



- Attach data if you need us to help with something. Rename student first to obscure identity.
- Alternatively have us remote into your computer.

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Go Try It!

- **Pause this video & go try it!**
  - You need to have the DT Trainer installed
    - Requires administrative privileges on computer
    - Can download from www.dttrainer.com – trial on main page
  - Select the common administration tab and the maintenance tools button.
  - Select the Support tab.
  - Send us a test support email but indicate that it is just a test or to say hi or that you are doing the training!

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Part 10 - Getting Started

- The DT Trainer will do endless teaching for you as a virtual extra teaching assistant
- There is a relatively small investment in time to get started
- Installation
  - Requires administrative privileges on computer
  - Windows XP, Vista, 7, 8, 10; Macs with Windows, Surface Pro Tablet (Windows 8 or 10)
  - Run Updates when asked

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Getting Started

- Preview program from student's perspective
  - Use sample students
- View content programs and reinforcers
- Create students with "EZ Create" or "Create"
- Make changes to student's options, content programs, or reinforcers at any time.
- Look for upcoming "Help Video" buttons on administration dialogs.
  - Play to get more information on that dialog

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Getting Started

- Sit student in front of DT Trainer
  - Many students will automatically respond
  - Some students will need some help getting started
  - NOTE: Initially trials will just be probe tests until student passes or fails items and then items will go to train, random, or maintenance mode.
    - DT Trainer determines what student knows or does not know. Will not do train mode trials on items student already knows.

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Getting Started

- View reports & make adjustments as needed
- Email reports periodically to supervisors and other student support staff

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Getting Started

- Free 30 Day Trials (any number of computers)
  - From www.dttrainer.com
  - From date of installation on computer
  - OK to install in classrooms, homes, teacher's computer, …
  - Continues to run (except training) after 30 days as unregistered support installation

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End of DT Trainer Training

Thanks for your time, interest, and your efforts to help some special people!

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