



What's Your Script? Assistive Technology and Writing

Tools for Life
www.gatfl.org

Thursday, Sept 26, 2013
2:00 PM EST

www.amacusg.org

Webinar Archives

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Credits

- **CEUs** are approved for .15 clock hours and are administered through Georgia Tech Professional Education
- **CRCs** are approved for 1.5 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



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>



Tools for Life Mission

We're here to help Georgians with disabilities gain access to and acquisition of assistive technology devices and assistive technology services so they can live, learn, work, and play independently in the communities of their choice.



Assistive Technology and Writing

Pat Satterfield
Center 4 AT Excellence

Why is Writing so Important?


- Reading and Writing develop together
- Writing also informs oral language
- If I can write about it, I know it!
- Writing can increase:
 - Communication ability
 - Job skills
 - Confidence and Self-esteem

Areas of Writing Support

Mechanics & Writing Process

- Handwriting
- Alternatives to Paper and Pencil
- Planning for Writing – Topic and Organization
- Editing
 - Auditory Feedback and Highlighting
 - Grammar
 - Spelling
- Cognitive Support

Facilitating Success for All Students

- Writing Support can extend to all students that need it; it is not limited to particular students like reading accommodations are.  AT Kit in each school...
- UDL is easily achieved!
 - Low tech tools available to all
 - Software support with features that can support struggling readers and writers as well as ELL and other students with disabilities

OT Tips for Writing

Body positioning

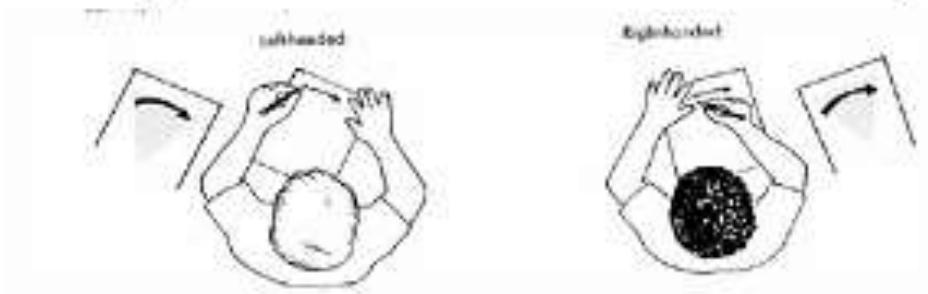
The most optimal position for writing includes the ankle, knee and hip at right (90 degrees) angles with the forearms resting on the desk. The top of the desk should be approximately 2 inches above the elbows when the arms are at the student's side.



Positioning is important

Paper positioning

The angle or tilt should follow the natural arc of the writing hand.



Dynamic Tripod Grip



Dynamic Quadrupod Grip

Low Tech AT - Grips and Adapted Writing Tools

- Pencil Grips
- Chunky or Triangular Pencils
- Writing C.L.A.W.
- Adapted Pens
- Handi Writer



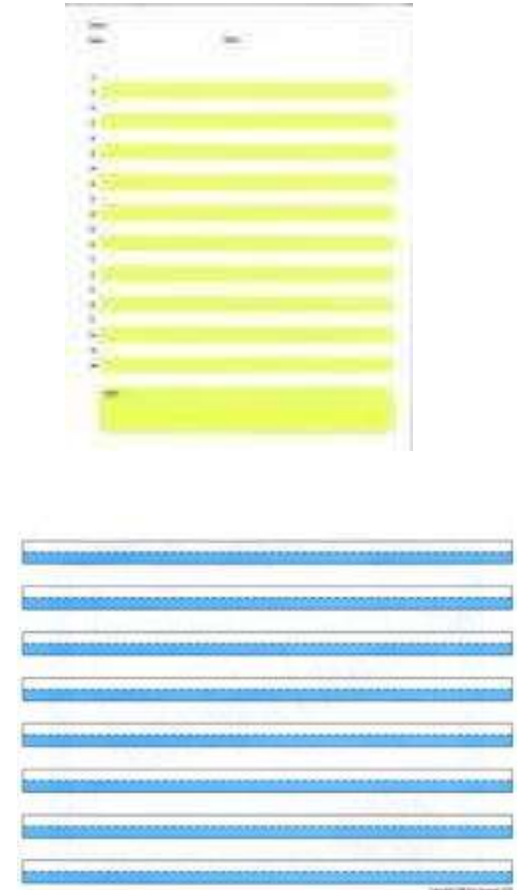
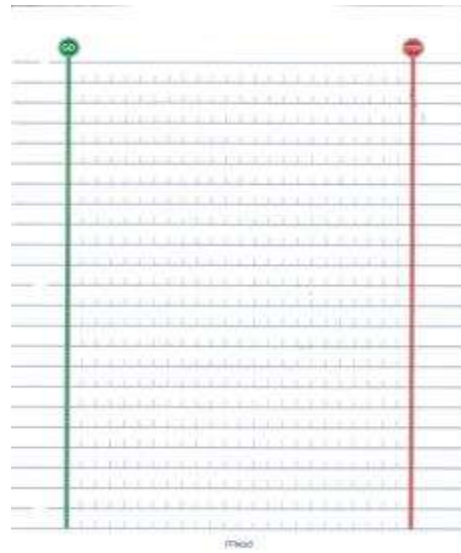
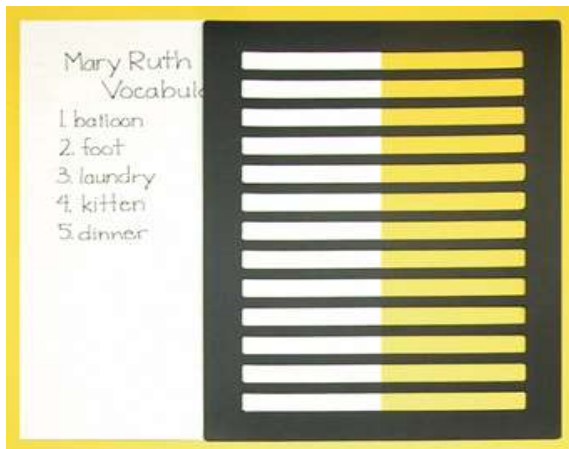
Low Tech AT - Desktop Slantboard

- Provides elevated surface
- Orients student's hand in a vertical position
- Paper is secured with clip
- Folding styles are adjustable



Low Tech AT - Adapted Paper and Writing Guides

- Types and colors of paper
 - Raised line
 - Colors to show writing area or spacing
- Guides



Mid AT - Handheld Dictionaries

- Spell Checker
- Dictionary
- Thesaurus
- Language Master



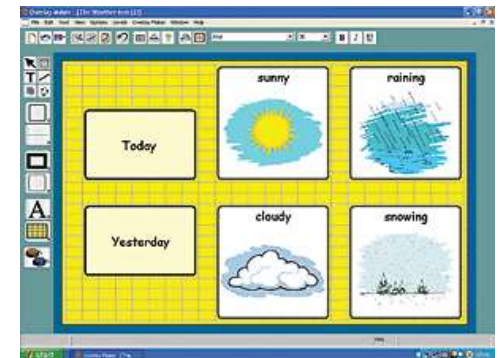
Portable Word Processing

- NEO
- Dana
- QuickPad
- Writer Fusion
- StudentMate
- Laser PC6
- iPad/ Windows
& Android Tablets



Alternate Keyboards

- Big Keys
- Keys U See
- IntelliKeys



Alternate Typing on Mobile Devices

- ThumbPad
 - Typed with your thumbs on the iPad like you do on your phone
 - Customizable keyboard as to key width, height and spacing
- Swipe It and Swype
 - Swipe across the keyboard to type words instead of tapping the keys
- IntelliPad iPad



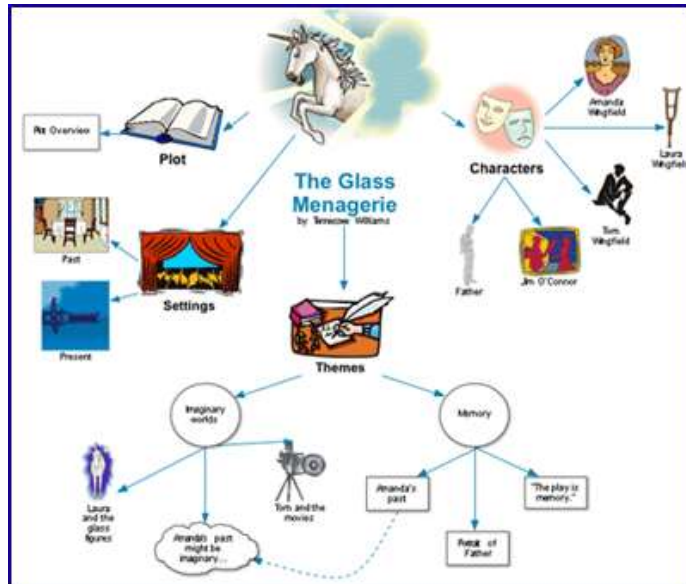
Voice Recognition

- Microsoft Word
- Dragon Naturally Speaking
 - For physically disabled
 - For language learners
 - For students with LD
- App
 - Dragon Dictation



Planning for Writing

- Graphic Organizer templates
- On-screen
 - Inspiration, Draft:Builder



Name _____ Date _____ Period _____

Setting and Character Details

Directions: Provide details about the setting of the story in the top three boxes. Provide details about the main characters in the bottom three boxes.

Setting

Title

Characters

Freezology.com - Free School Stuff

Name _____ Period _____

Making Inferences

Directions: Inferences involve drawing conclusions and making judgments based on facts and evidence. Write important details and facts in the boxes on the left. Write inferences about those important details in the boxes on the right.

Detail or Fact

Inferences about the Fact

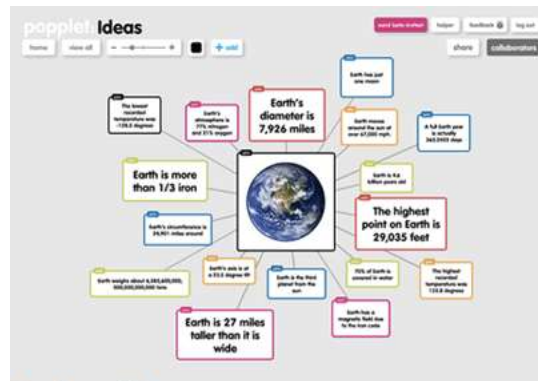
Detail or Fact

Inferences about the Fact

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Planning for Writing

- Apps
 - Inspiration/Kidspiration Maps for iPad
 - Popplet
 - IThoughtsHD



Explore Ideas



- Free
 - SmartDraw (there is also a Viewer App to allow you to share)
 - EdHelper and other sites have GO templates to print

Word Processing Supports

- Word Processing with auditory support and highlighting allows students to edit their own work.

- Microsoft Word/ Language Bar, WordTalk



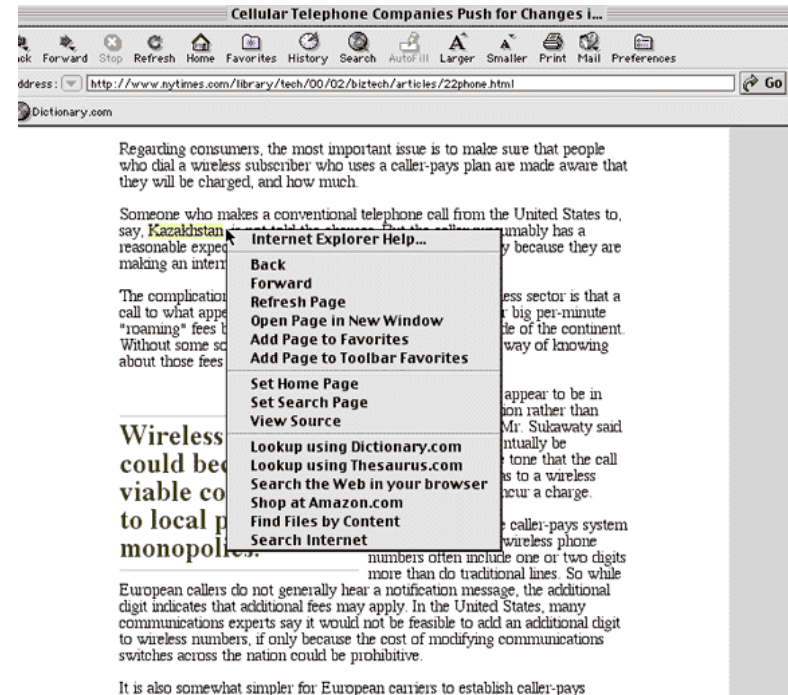
- Talking Spell Check/ Homonym Check allows students to correct spelling errors.

- Write:OutLoud; Classroom Suite; Premier Talking Word Processor

Spelling Support - Apps

- Apps
 - MW Visual Dictionary – spelling with pictures
 - WordWeb – dictionary and Thesaurus

- Free AT
 - Dictionary.com
 - CleverKeys - dictionary and thesaurus online



Writing Support – Word Prediction

Real Time grammar and spelling support

Co:Writer 7 (SOLO)

WordQ 2

SpeakQ

Classroom Suite

Kurzweil 3000

Read and Write Gold



Writing Support - Topic Support

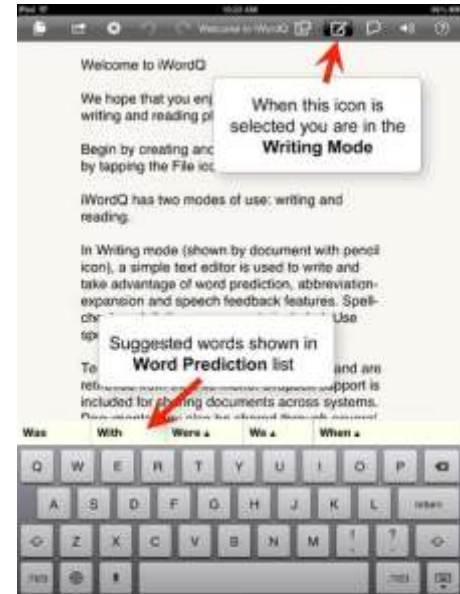
Topic-specific dictionaries and word banks provide individuals with the vocabulary they need to write about the topic at hand; word banks can also provide clues to some of the things they might want to include.

- Co:Writer
- WordQ 2
- WriteOnline
- Clicker Docs app



Writing Apps – Topic and Grammar Support

- Apps
 - Co:Writer
 - iWordQ

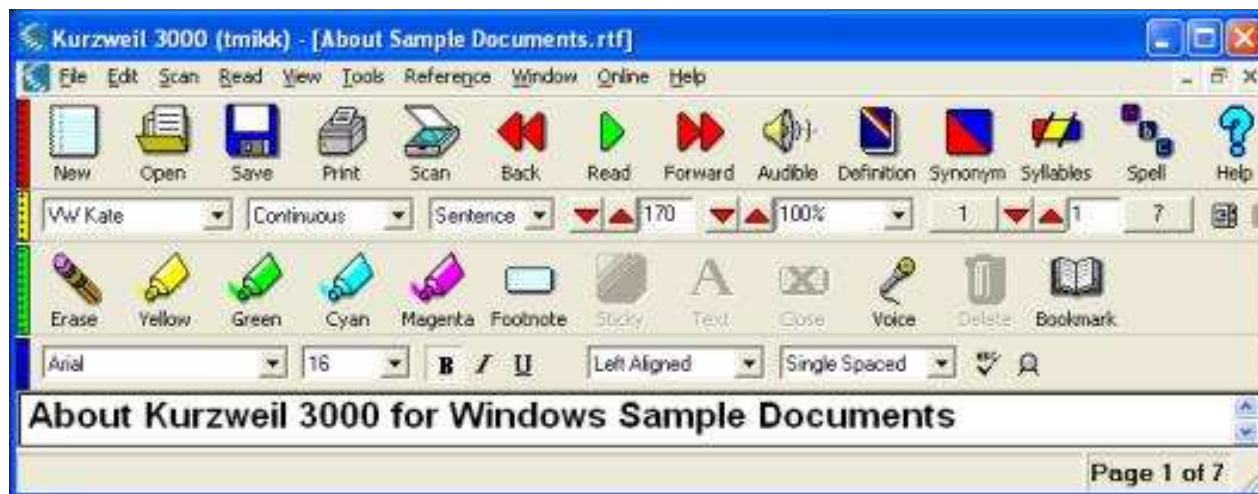


- Word Completion
 - Brevity



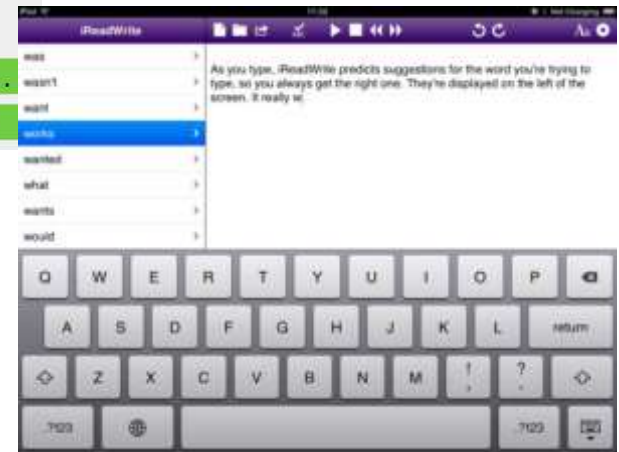
Advanced Reading Aids

- SOLO 6
- WYNN
- Read and Write Gold
- Kurzweil 3000



Many Features on the Move

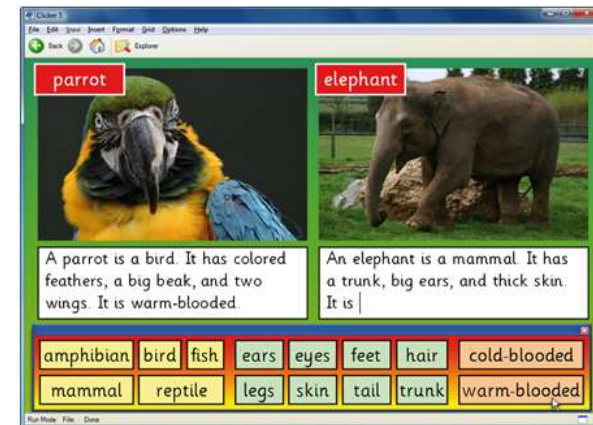
- AbiliPad
- IReadWrite
- Kurzweil Firefly
- Free AT - My Study Bar



Graphic Word Processing

Auditory & Graphic Supported Writing

Classroom Suite; PixWriter; Clicker 6;
First Author



Word Processing Apps

Clicker Sentences



Clicker Words



Questions





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Thank You!





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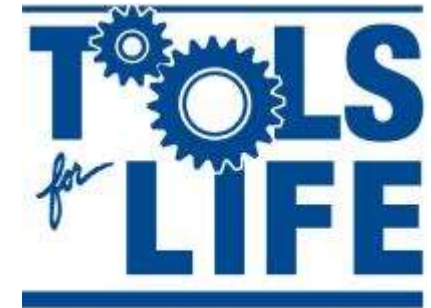
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Georgia's Assistive
Technology Act Program

Disclaimer

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