

Assistive Technology Consideration Companion Tool

Reading

1. phonemic awareness skills:

- **Classroom management strategies:** lots of repetition and practice with various phonemic awareness skills (i.e. rhyming, segmentation, manipulation of sounds, etc...)
- **Low Tech Strategies:** rhyming picture cards, onset-rime activities, pictures and matching text, color coded letter cards, whisper/PVC pipe phones
- **Mid-High Tech Strategies:** picture software with voice (Clicker, Writing with Symbols, Pix Writer - speak letters), specialized software (Earobics, Simon Sounds it Out, Word Maker, SPELL....)

2. comprehension

a. comprehending what student reads themselves:

- **Classroom management strategies:** high interest low readability, increased time to complete task, decreased length of assignment, assignment broken into smaller chunks, written steps for directions (numbered or bulleted vs. narrative), color coding main ideas/vocabulary, student marks answers in test booklet vs. separate answer sheet, provide the reason for reading ahead of time (locate vocabulary, sequence parts, retell...),
- **Low Tech Strategies:** colored background, increased line/word spacing, picture adapted books, dictionary/thesaurus supports, teacher highlight key ideas ahead of time, increased size of font/enlarged copy of text, give questions ahead of time on post its (to move to correct paragraph as material is read)
- **Mid-High Tech Strategies:** electronic dictionary/thesaurus supports (handheld and computer based), cognitive rescaling/condensed version presented by teacher (Microsoft Auto summarize), websites of condensed text, Don Johnston Start to Finish, guided notes,
- **High Stakes Testing:** dictionary/thesaurus supports can not be used on the reading or writing tests, sign language may not be used to clarify words or phrases (directions/passages) on the test

b. comprehending material read orally from someone else:

- **Classroom management strategies:** increased time to complete task, decreased length of assignment, visuals (pictures, printed key words...), examples
- **Low Tech Strategies:** guided notes/outlines, visuals, visualization techniques, props to assist comprehension, visuals to assist (i.e. pictures, graphic organizers, etc...),
- **Mid-High Tech Strategies:** cognitive rescaling/condensed version presented by teacher (Microsoft Auto summarize), websites of condensed text, Don Johnston Start to Finish, guided notes,

c. finding the main idea, summarizing,

- **Classroom management strategies:** : student marks answers in test booklet vs. separate answer sheet

- **Low Tech Strategies:** post it notes, highlighters, color coding for main ideas/vocabulary...,
- **Mid-High Tech Strategies:** rescaling text (Microsoft Auto summarize), websites of condensed text, Don Johnston Start to Finish, guided notes, electronic highlighters,

3. decoding (word recognition, word attack skills/vocabulary)

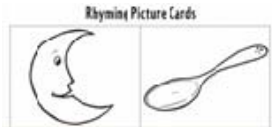


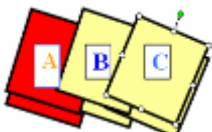

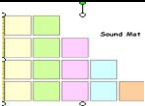
- **Classroom management strategies:** high interest low readability, increased time to complete task, decreased length of assignment, tracking strategies (finger pointing)
- **Low Tech Strategies:** varying fonts (i.e. sans serif) and size of fonts, text enlargement, reduced text supports (i.e. less text on page), tracking strategies (i.e. reading guide, bar magnifier, colored guides), color coding/ color filters, word/picture walls, highlighted text (i.e. to target various words), magnifier
- **Mid-High Tech Strategies:** text spacing (i.e. extra word and line spacing), Picture Supported Text (Writing with Symbols, Clicker, PixWriter), tracking strategies (i.e. electronically highlighted text as it speaks), screen magnifier (ZoomText), converting text to an alternative format (Braille)
- **Compensatory Strategies:** speaking spell/dictionary checker, books on tape/directions/passages on tape, pictured text, text to speech (hearing words read aloud - <http://www.naturalreaders.com/> , <http://www.wordtalk.org.uk/>, <http://www.readplease.com/>, http://trace.wisc.edu/work/computer_access/mac/macshare.html), scan and read software (i.e. Kurzweil, Read and Write Gold, Wynn, SOLO...), Scan and read pens (i.e. scan text with handheld device and hear via computer or independently), person to read aloud all passages/directions/answer choices, etc..., reader, Bookworm, Powerpoint books, websites that read the book to you
- **High Stakes Testing:** a reader can not read the reading passages/selections on the reading test







4. vocabulary




- **Classroom management strategies:** connect to prior knowledge, give examples, use props, use visuals, 5 star definitions (function, category, parts, associations, comparison) synonyms, thesaurus
- **Low Tech Strategies:** draw a picture of it, graphic organizer, thesaurus, dictionary/ picture dictionary,
- **Mid-High Tech Strategies:** electronic graphic organizer, online or electronic dictionary/thesaurus/ glossary/synonyms, (i.e. Tools in MS Word/Kurzweil, handheld devices, www.visualthesaurus.com), online search engines (i.e. www.askjeeves.com),

5. fluency



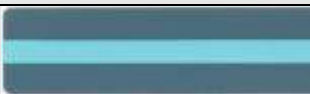

- **Classroom management strategies:** reduced text,
- **Low Tech Strategies:** tracking strategies (reading guide, bar magnifier, colored guides), repetition practice,
- **Mid-High Tech Strategies:** tracking strategies (i.e. electronically highlighted text), websites for fluency,
- **Compensatory Strategies:** Scanning pens (i.e. Quicktionary, Iris, NoteTaker), Text to speech (Talking Word Processor, Scan and Read software (Kurzweil, Wynn, Read & Write Gold...), SOLO, Screen Reader (JAWS), human reader, Books on Tape, Bookworm, Power Point Books, websites that read the book to you,



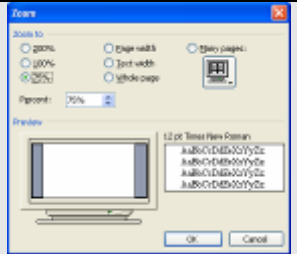

Tech Level	Idea	Comments	Cost	Manufacturer	Picture
PHONEMIC AWARENESS					
Low Tech	Rhyming Picture Cards	Create your own Download from websites Purchase commercially made sets	index cards ink and paper	Good websites: http://www.aacintervention.com/nursery.html# http://aslp.byu.edu/BCulatta/projectcall/rhymewordslist.html http://curry.edschool.virginia.edu/go/wil/rimes_and_rhymes.htm http://www.enchantedlearning.com/Rhymes.html http://www.knownet.net/users/ackley/writnurse.html http://www.librarysupport.net/mothergoosesociety/ http://www.rhymezone.com/ http://rbeaudoin333.homestead.com/rhyming_1.html http://www.sisterschoice.com/wordplay.html	
Low Tech	Onset Rime Activities	This site has tons of wonderful things to be downloaded for free!	Free downloads	http://www.carlscorner.us/ www.starfall.com	
Low Tech	Pix and Matching Text	Create 2 sets of cards: one with picture and one with corresponding picture			
Low Tech	Color Coded Letter Cards	Make your own by putting consonants in one color, vowel in another, blends in another, etc.	---		
Low Tech	PVC Pipe Phones	Whisper phones help students to self monitor, speak softly when reading, and hear words and sounds	\$4 ea \$20 for 6.	Create your own from PVC http://www.kidsbooks4less.com/whisper.cfm	
Low Tech	Sound mat	Count or manipulate the sounds, determine 1 st , 2 nd , and 3 rd sounds	---	Make your own	





Low Tech	Tactile Letters	Letters made out of various textures like sandpaper, vinyl, tin foil, puffy paint, etc.	-----	Make your own	
Low Tech	Magnetic Letters	Great to use on a cookie sheet to contain work space	---	Purchase at school supply store Make your own: print out on magnetic printer paper available at office supply store	
High Tech	Clicker	Clicker is a writing support and multimedia tool - it enables you to write with whole words, phrases or pictures!	Single User \$199 Check SOITA for special pricing	Crick Software http://www.cricksoft.com/us/products/clicker/	
High Tech	Writing w Symbols	This powerful word/picture processing program allows you to type words with the option of having picture symbols appear with each word.	Single User \$199	Mayer Johnson www.mayerjohnson.com	
High Tech	Pix Writer	Teachers create PixWriter word banks by typing a word and hitting the spacebar — buttons fill with words and <i>pictures</i> . Students select word/picture buttons from the word bank and write their story.	Single User \$180	Slater Software http://www.slattersoftware.com/pixwriter.html	
High Tech	Earobics	Comes in 2 versions: Earobics Foundations for PreK, K, and 1st Earobics Connections for 2nd, 3rd, struggling	Single User \$54	http://earobics.com http://superduper.com	




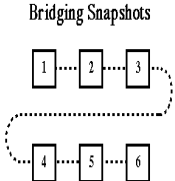



High Tech	Simon S.I.O. (Sounds It Out)	Students learn sounds, build words, practice, discriminate and recall words. Simon S.I.O. Stage 1: Single consonants and common blends Simon S.I.O. Stage 2: Complex blends and diagraphs	Single Copy \$149	http://donjohnston.com	
High Tech	Word Maker	Provides phonics, phonemic-awareness and spelling activities to build students' core reading strategies. Ability Level-Grades K-3 • Interest Level-Grades 1-8	Single Copy \$149	http://donjohnston.com	
High Tech	Spell- Links	Combines systematic spelling instruction with connected writing and timed reading activities that emphasize the five key components	\$249	http://donjohnston.com	
High Tech	Comparison Chart	For an extensive comparison of skill based reading software titles, such as Earobics, WiggleWorks, Destination Reading, etc. please visit CITED website.	-----	http://members.nationaltechcenter.org/readingmatrix.aspx?categoryValue=1#scrollTable	

COMPREHENSION: Comprehending what students read to themselves








Low Tech	Highlighting	Student uses highlighter or highlighting tape. Main ideas are in pink; supporting facts in green; dates in blue, etc.	\$2-3	at school supply stores, Staples	
	High interest/ low readability	Books that cover interesting topics, but written at a lower reading level than most standard books Conventional titles as well as Start to Finish Books	\$69	A sampling of book ideas is listed at: http://childrensbooks.about.com/od/toppicks/tp/hi_lo_books.htm www.donjohnston.com	
Low Tech	Colored back-ground	1.Place a colored transparency over the text 2. Copy the text onto colored copy paper 3. See It Right color filter strips 4. Line by line color filter strips		1. Office Supply Store 2. Office Supply Store 3. www.seeitright.com 4. www.onionmountaintech.com	
Low Tech	Colored background	Reading helper- covers only one line of text at a time	\$2.00	www.onionmountaintech.com	
Low Tech	Colored background	Heads up frame lays on top of text	\$2.00	www.onionmountaintech.com	
	Increased Line/word spacing	Microsoft Word: Putting extra spaces between each word and/or each line of text assists in tracking and reducing visual clutter	-----	1. Single Space: Select text, Control +1 2. Double Space: Select text, Control +2 3. 1.5 Space: Select text, Control +5	


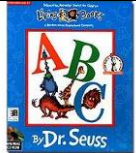


Low Tech	Dictionary thesaurus supports	Numerous children's, picture dictionary and thesaurus available commercially	\$10-25		
Low Tech	Main idea symbols/ Adapted Picture Books	Make your own Aug Resources http://www.augresources.com/vindex.html	----- \$10.99 for single literacy strip	1. Take the text and type into a symbol processor (WWS, Boardmaker Symbol-ate, etc.) 2. Print 3. Paste over original text in book 4. Velcro and elastic product slide over book and can attach communication symbols to it	
	Change Font Size	Microsoft Word: Enlarging the font size sometimes helps with tracking	----- -	Select text; Format menu to Font Under the size box, select desired size	Try to enlarge the font size vs. Enlarge the font size
	Enlarged copy of text	Microsoft Word Zoom Feature	----- --	Select View menu- zoom- select desired percentages and features.	
High Tech	Enlarged text	Dragnifier Offers 3 magnification settings-2x, 4x or 8x. For the	Free download	http://paulhami.edublogs.org/2007/10/28/dragnifier-downloadable-program/	




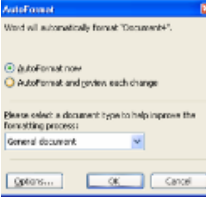



		shape of your magnifier, you get 6 options-hand loupe, small rectangular lens, medium rectangular lens, large rectangular lens, round lens, or "handy reader"			
Low Tech	Post It Notes	Put questions to be answered on post it notes and as student finds the answer- place the post it note with the question on that section.	\$2.50	www.staples.com ; office supply store	
Low Tech	Post It Note Comment	Put in text to show where student has a question, answer, main idea, etc.	\$2.50	Office supply store	
Low Tech	Highlighting Tape	Student can highlight main idea, etc. Can be removed so book is not damaged.	\$2.50	Office supply store	
Mid Tech	Electronic dictionary	Children's talking dictionary. Type in the word it will read the word and definition to you.	\$49.95	www.franklin.com	
High Tech	Cognitive rescaling- auto summarize	Microsoft Word		Tools Menu to Auto Summarize This allows the user to choose between highlighting key points, creating a new document with summary only, inserting an executive summary, or hiding everything but the summary.	


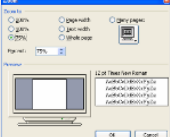
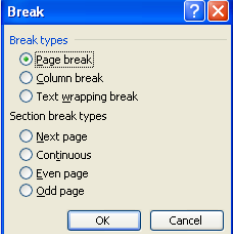

COMPREHENSION: Comprehending material read orally to student					
Low Tech	Outlines	Give the student an outline of key words, main ideas, vocabulary, etc. to be followed while the text is being read	-----		
Low Tech	Literacy Trifold	Put symbols, characters on trifold and have student pull off the symbol as it is read to increase comprehension and engage student	\$29.99	www.augresources.com	
Low Tech	Visuals/ Props	While reading about about a topic, have a picture, diagram, object that relates to the text.	\$20-Free	www.discountsschoolsupply.com printables from: www.ourschoolfamily.com/Litearcy%20Props.htm	
Low Tech	Graphic Organizers	A visual way to have students see connections within the text	Free	http://www.writedesignonline.com/organizers/ http://www.teach-nology.com/searchme/search.cgi?zoom_query=graphic+organizer+maker (Scroll to bottom of page to links to make a graphic organizer)	
Mid Tech	Start to Finish Books	http://www.donjohnston.com	Computer book \$69	Takes common Jr. and Sr. high novels and condenses the text to a lower reading level.	
High Tech	Websites of condensed text	Various web sites	Some free	www.cliffnotes.com www.bookwolf.com www.freebooknotes.com www.novelguide.com www.pinkmonkey.com www.sparknotes.com www.webenglishteacher.com	
High Tech	Inspiration/ Kidspiration	Use the software to show the connections of the text during reading with electronic graphic organizers	\$60-99	http://www.inspiration.com	

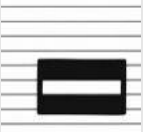

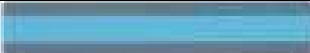




INDEPENDENT READING

Low Tech	Magnetic page Turner	Magnetic page corners are added to each and students use a magnetic wand to turn the page	\$49.95	www.augresources.com	
Low Tech	Page Fluffer	Take a sponge piece and attach to page with a paper clip to add space between pages to turn it more easily	---	Make Yourself: Cut a 2 inch x 2 inch square of cardboard and slide a paperclip on. Glue a small piece of sponge (or foam) to one side of the cardboard.	
	Porta Book	Bookstand that opens to different angles.	\$19.95	www.headsupnow.com	
	New2You	A weekly newspaper that is available in text, text & symbols, and reduced cognitive level	Yearly subscription: \$140	http://www.news-2-you.com/index.aspx	
Mid Tech	Bookworm	Text is recorded student selects button to hear page read to them . Removable memory allows for saving recording to build a library External switch jack for sequential playback	\$239	www.mayerjohnson.com	
Mid Tech	Step by Step	Use to record a picture book. With each touch of the step by step it reads a page to increase independence.	\$146	www.ablenetinc.com	
High Tech	Flip	Automatic page turner	\$3,600	www.ablenetinc.com	

Mid Tech	Page Mark Talking Dictionary	Lightweight and thin talking dictionary acts as a bookmark.	\$49.95	www.franklin.com	
	PowerPoint Books	Take the picture book, scan the pictures in, put into the photo album feature of powerpoint and add text. Record speech. Student then clicks to turn page and have the book read to them.	-----	Make your own Contact HCESC for more details regarding books that have already been done.	
	Software Books	Book can be read and has corresponding activities	\$15-20	Sometimes fall under category of Living Books: www.amazon.com	
	eBooks	Numerous titles available for fee; check the Hamilton Co. Library for free access to some titles. Once text is downloaded, can use a text to speech program	Some free	http://digital.library.upenn.edu/books/ http://www.gutenberg.org/ www.cincinnati.library.org http://www.acs.ucalgary.ca/~dkbrown/slorclas.html	
	Book Share	Compilation of thousands of books that have been converted to digital text; current titles. Must have a visual impairment, learning disability or mobility impairment and doctor script to join	Free to schools- need to register and submit proper paperwork	www.bookshare.org	



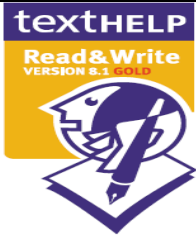

FINDING THE MAIN IDEA & SUMMARIZING					
Low Tech	Post It Notes	Students place post it notes in the margin where main idea is; jot down notes for a sequential summary, etc	\$2.50	www.staples.com , office supply stores	
Low Tech	Literacy Flip strips	Use to have students retell story	\$29.99	www.augresources.com	
Low Tech	Highlighters / highlighting tape	Use one colored highlighter to highlight the main idea, another for supporting ideas	\$3-10	Office supply stores	
	Auto Summarize	Reduce the amount of text	Free	Microsoft Word: Tools Menu to Auto Summarize This allows the user to choose between highlighting key points, creating a new document with summary only, inserting an executive summary, or hiding everything but the summary.	
High Tech	Electronic Highlighter	Use the highlighter feature in Word to highlight the main ideas	Free	Microsoft Word: On the Formatting toolbar, select the Highlight  . Click and drag over the text you want highlighted. To turn off highlighting, click the button again, or press ESC. Change colors, by clicking on the small down arrow to the right of the icon and select desired color.	
High Tech	Websites of Condensed text	Various web sites	Some are free; others	www.cliffnotes.com www.bookwolf.com www.freebooknotes.com www.novelguide.com	

			are fee based.	www.pinkmonkey.com www.sparknotes.com www.webenglishteacher.com	
High Tech	Start to Finish	Takes common jr and sr high novels and condenses the text to a lower reading level.	Computer book \$69	http://www.donjohnston.com	
DECODING					
	Vary Font Size	Varying the font size can assist with tracking Sans serif fonts are easier to read (do not have extra lines, and tails, etc.)	-----	Microsoft Word: Format-Font- select text size	Arial, Verdana, Tahoma, Impact
	Text Enlarge-ment	Enlarge the entire screen using the Zoom Feature in Word	-----	Microsoft Word: View-Zoom	
	Reduce the amount of text on page	If electronic text, put page breaks between paragraphs	-----	Microsoft Word: Insert- page break	
	Reduce the amount of text on page	Use a file folder to cover the next paragraph			
	Increase word/line spacing	Microsoft Word: Putting extra spaces between each word and/or each line of text assists in tracking and reducing visual		<ol style="list-style-type: none"> 1. Single Space: Select text, Control +1 2. Double Space: Select text, Control +2 	





		clutter		3. 1.5 Space: Select text, Control +5	
Track- ing Low Tech	Reading Guide	Heavy duty plastic guide	\$1.50	www.onionmountaintech.com	
Track- ing Low Tech	Bar magnifier	A clear ruler and magnifier that assists with tracking	\$5.50	www.onionmountaintech.com	
Track- ing Low Tech	Colored line readers	This strip has a colored filter in it	\$2.00	www.onionmountaintech.com Make your own out of colored transparencies	
Track- ing Low tech	Colored Filters	Changing the color of the background will sometimes increase clarity and ease of reading; use colored transparency or buy specialized color filters	\$10- 200	Office supply store www.seeitright.com www.onionmountaintech.com	
Low Tech	Word/ Picture Wall	Can have classroom and/or individual student word walls with text or with pictures	-----	Make your own using file folder and symbol processing program	
Low Tech	Highlighting Text	Use this to target specific words	\$3-10	Take a highlighter and apply to key concepts/ words in text.	
Picture Support ed Text High Tech	Writing with Symbols	Type the word and symbols appear	Single User \$199	www.mayerjohnson.com	

Picture Support ed Text High Tech	Clicker	Write words, phrases, etc and symbols appear	Single user \$199; SOITA cheaper	http://www.cricksoft.com www.soita.org	
Picture Support ed Text High Tech	Pix writer	Type words, phrases, etc. and symbols appear	\$180	http://www.slatersoftware.com/pixwriter.html	
Tracking Strategy High Tech	Electronic highlighter	Text is highlighted word by word to assist the student in tracking and reading- available in various programs; word talk- free download to highlight text in Word	Free	http://www.wordtalk.org.uk/ Make sure to check version compatibility	
Tracking Strategy High Tech	Screen Magnifier	Zoom Text	\$395-695	http://www.synapseadaptive.com/aisquared/zoomtext_9/zoomtext_9_home_page.htm	
	Braille	Convert text to Braille		http://www.rfbd.org/	
	Talking Diction-ary	Children's talking dictionary. Type in the word it will read the word and definition to you.	\$49.95	www.franklin.com	
	Books on Tape/ CD	Books have been recorderd onto tape/CD - order commercially Recording for the Blind and Dyslexic offers books on tape/cd etc with membership and documented disability	\$20-\$30	www.booksontape.com http://www.rfbd.org/ http://www.learningthroughlistening.org/	

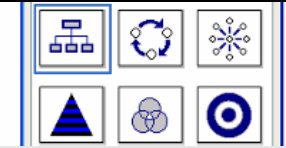
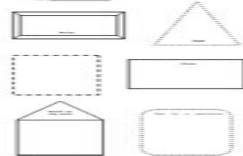

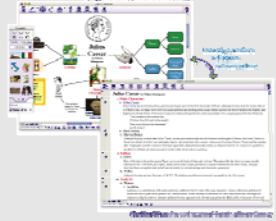



TEXT TO SPEECH SOFTWARE







	Comparison Guide	For an extensive listing of most commercially available titles as well as a detailed comparison, please visit CITED website.		http://members.nationaltechcenter.org/readingmatrix.aspx?categoryValue=2	
Scan & Read Software High Tech	Kurzweil	Text is scanned into Kurzweil. Text to speech, study skills, word prediction, and text taking capabilities.	\$2,695: 1 scan & read; 4 read only copies	http://www.kurzweiledu.com	
Scan & Read Software High Tech	WYNN	Text is scanned into Kurzweil. Text to speech, study skills, word prediction, and text taking capabilities. The toolbar is more simplistic than Kurzweil.	\$995 scan & read \$375 read only	http://www.freedomscientific.com	
Scan & Read Software High Tech	Read & write Gold	Text is scanned into Microsoft Word. Then you have all of the features of Word as well as the capability to have it read to you; other features include: text to speech, word prediction, phonetic spell checker, homophone support, voice recognition, scan & listen to documents	\$625	http://www.readwritegold.com/	
Scan & Read Software High Tech	Read & Write Gold Mobile	Provides all of the features of Read & Write Gold and it comes on a pen drive. Student can put it on any computer they are working on and not have to have software installed on each computer.	\$625	http://www.readwritegold.com/	




Scan & Read Software High Tech	SOLO	Contains 4 programs into one: Read:OutLoud®, Write:OutLoud®, Draft:Builder® and Co:Writer®	\$785	www.donjohnston.com	
Text to Speech Software High Tech	Read Please	Just a text to speech program-no scanning: Reads text via copying and pasting text onto the clipboard; adjustable rate Plus version available with more features	Free download	www.readplease.com	
Text to Speech Software High Tech	Text Aloud Other free text to speech programs- See writing	Just text to speech; icon sits in toolbar and can click on it to have text read to you.	\$29.95	www.nextup.com	
Text to Speech Software High Tech	Natural Reader	Text to speech; has a floating mini toolbar that allows you to click and have text read from any program: Word, www, email, etc.	Free; Plus version available	http://www.naturalreaders.com/free_version.htm	
Scan & Read Pen High Tech	Notetaker	Notetaker accurately captures information from any paper text and can deposit in software that speaks	\$189	www.donjohnston.com	
Scan & Read Pen High Tech	Reading Pen	Scans single words or full lines of text in seconds. Reads word by word and dictionary definitions.	\$275	www.wizcomtech.com	

Scan & Read Pen High Tech	Iris Pen	Text recognition pen scanner. It instantaneously retypes any printed information in your word processor, e-mail software, on-line databases, etc and then will use the included text to speech program and read the text to you. Must be attached to a computer.	\$129	www.irislink.com	
Text to Speech	Reader	Another person reads aloud all passages/directions/answers, etc.			
eText Resources	Digital Text	Numerous titles available for free; check the Hamilton Co. Library for free access to some titles. Once text is downloaded, can use a text to speech.	Some free	http://digital.library.upenn.edu/books/ http://www.gutenberg.org www.cincinnati.library.org http://www.acs.ucalgary.ca/~dkbrown/storclas.html http://librivox.org/	
eText Resources	Digital Text	Current and popular books that are in digital and/or daisy format. Compilation of thousands of books that have been converted to digital text. Must have a visual impairment, learning disability or mobility impairment and doctor script to join	Free- for schools	www.bookshare.org	






VOCABULARY





	Graphic Organizer	A visual way to have students see connections within the text	Free	http://www.writedesignonline.com/organizers/ http://www.teach-nology.com/searchme/search.cgi?zoom_query=graphic+organizer+maker (Scroll to bottom of page to see the links to help you make a graphic organizer)	
	Vocabulraphic	For the color box, students draw the object, the draw box= draw the word with balloon letters; empty box is to write a synonym	Free	www.cherylsigmon.com	
	Picture /Standard Dictionary	Numerous picture dictionaries are commercially available	\$10-25	www.amazon.com	
High Tech	Electronic Graphic Organizer	Use the software to show the connections of the text during reading with electronic graphic organizers: Inspiration/ spark space Microsoft Word, Spark Space	\$59.95 \$69.00	http://www.inspiration.com www.infogrip.com In Microsoft Word: Insert- Diagram; select the type of diagram you want. Click on box and start adding text www.infogrip.com	
High Tech	Online/Electronic Dictionary	Online picture dictionary- English, French, Italian, German, & Spanish	Free	http://www.pdictionary.com/english/browse.php?db=animals	
	Online Thesaurus	Takes a word and then lists similar words in a web like diagram.	Free	www.visualthesaurus.com	
	Online search engines			www.google.com www.kidsclick.org www.ajkids.com	


FLUENCY					
	Reading Guide	Heavy duty plastic guide	\$1.50	www.onionmountaintech.com	
Tracking Strategies Low Tech	Bar magnifier	A clear ruler and magnifier that assists with tracking	\$5.50	www.onionmountaintech.com	
Tracking Strategies Low Tech	Colored line readers	This strip has a colored filter in it	\$2.00	www.onionmountaintech.com Make your own	
Tracking Strategies Low tech	Colored Filters	Changing the color of the background will sometimes increase clarity and ease of reading; use colored transparency or buy specialized color filters	\$10-200	Office supply store www.seeitright.com www.onionmountaintech.com	
	Peer reading, echo reading, tape assisted reading	Repeated practice and reading to peer, reading buddy, adult, volunteer, along with tape recorder, etc		Create your own reading club.	
	Read Naturally	Software program that has students read with computer to develop fluency	\$110 per level	www.readnaturally.com	

	Electronic Highlighting of text	<p>Many of the text to speech programs will highlight text as it reads to you.</p> <p>This assists the reader in practicing and developing fluency</p> <p>Word Talk is a plug in for Word that will speak the text of the document and will highlight it as it goes.</p>	<p>Free-Cost</p> <p>Free</p>	<p>See text to speech and some of the scan and read software titles.</p> <p>www.wordtalk.org.uk</p>	
	Fluency Websites	Great resources	Free	http://www.busyteacherscave.com/units/fluency.htm Scroll down to the bottom of page for extensive list of fluency web sites	
Scan & Read Software High Tech	Kurzweil	Text is scanned into Kurzweil. Text to speech, study skills, word prediction, and text taking capabilities.	\$2,695 : Lab pack of 5	http://www.kurzweilededu.com	
Scan & Read Software High Tech	WYNN	Text is scanned into Kurzweil. Text to speech, study skills, word prediction, and text taking capabilities. The toolbar is more simplistic than Kurzweil.	\$995 for scan and read version ; \$375 for read version ;	http://www.freedomscientific.com	

Scan & Read Software High Tech	Read & write Gold	Text is scanned into Microsoft Word. Then you have all of the features of Word as well as the capability to have it read to you; other features include: text to speech, word prediction, phonetic spell checker, homophone support, voice recognition, scan & listen to documents	\$625	http://www.texthelp.com/page.asp	
Scan & Read Software High Tech	Read & Write Gold Mobile	Provides all of the features of Read & Write Gold and it comes on a pen drive and then student can put it on any computer they are working on and not have to have it installed on each computer.	\$625	http://www.texthelp.com/page.asp	
Scan & Read Software High Tech	SOLO	Contains 4 programs into one: Read:OutLoud®, Write:OutLoud®, Draft:Builder® and Co:Writer®	\$785	www.donjohnston.com	
Scan & Read Software High Tech	Read Please	Just a text to speech program- no scanning: Reads text via copying and pasting text onto the clipboard; adjustable rate Plus version available with more features	Free download	www.readplease.com	
Scan & Read Software High Tech	Text Aloud Other free text to speech programs- get chart	Just text to speech; icon sits in toolbar and can click on it to have text read to you.	\$29.95	www.nextup.com	

	Natural Reader	Text to speech; has a floating mini toolbar that allows you to click and have text read from any program: Word, www, email, etc.	Free; Plus version available	http://www.naturalreaders.com/free_version.htm	
Scan & Read Pen High Tech	Reading Pen	Scans single words or full lines of text in seconds. Reads word by word and dictionary definitions.	\$275	www.wizcomtech.com	
Scan & Read Pen High Tech	Iris Pen	Text recognition pen scanner. It instantaneously retypes any printed information in your word processor, e-mail software, on-line databases, etc and then will use the included text to speech program and read the text to you. Must be attached to a computer.	\$129	www.irislink.com	
Portable reader High Tech	ClassMate Reader	Portable text reader that speaks the word while it highlights it. Configure font type, text size, color, line spacing and speed. Will read NIMAD, DAISY, Bookshare.org and txt files. Also reads MP3 files.	\$479	www.donjohnston.com	
Screen Reader High Tech	Screen Reader	JAWS	\$895 for home; \$1095 for professional	www.freedomscientific.com	

	Books on Tape/ CD	Students practice reading along with the narrator to build fluency.	\$10-25	www.booksontape.com book stores www.cincinnati.library.org	
Book Reader Mid Tech	Book-worm	Text is recorded student selects button to hear page read to them	\$239	www.mayerjohnson.com	
Augmentative Communication Device Mid Tech	Step by Step	Use a step by step with levels and record a picture book. With each touch of the step by step it reads a page to increase independence.	\$146	www.ablenetinc.com	
	Power-Point Books	Take the picture book, scan the pictures in, put into the photo album feature of powerpoint and add text. Record speech. Student then clicks to turn page and have the book read to them.	-----	Time consuming- check with HCESC to see which titles have been completed.	
	eBooks	Numerous titles available for fee; check the Hamilton Co. Library for free access to some titles. Once text is downloaded, can use a text to speech.	Fee-books out of copyright can be downloaded for free	http://digital.library.upenn.edu/books/ http://www.gutenberg.org www.cincinnati.library.org http://www.acs.ucalgary.ca/~dkbrown/slorclas.html http://librivox.org/	

	Book Share	Compilation of thousands of books that have been converted to digital text; current titles. Must have a visual impairment, learning disability or mobility impairment and doctor script to join	Free for schools with submission of proper paperwork	www.bookshare.org	 <p>BENETECH BOOKSHARE.ORG</p>
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