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| **Instructional Challenge** | | **Assistive Technology Resources, Strategies, and Tools** | |
| **Reading** | | | |
| Needs information | | Ask for Kids | **http://www.askforkids.com** |
| Poor vocabulary | | Visual thesaurus | **http://www.visualthesaurus.com** |
|  | | voycabulary | **http://www. voycabulary.com** |
| Students unable to read independently their textbooks | | Read Please | [**http://www.readplease.com**](http://www.readplease.com)  (free software) |
|  | | Kurzweil 3000 | **http://www.kurzweiledu.com** |
|  | | Read and Write Gold | [**http://www.texthelp.com**](http://www.texthelp.com) |
|  | | Solo | [**http://www.donjohnston.com**](http://www.donjohnston.com) |
| Low reading level makes it difficult to access current events | | New2you | [**http://www.news-2-you.com**](http://www.news-2-you.com) |
|  | | 9 | [**http://9.yahoo.com**](http://9.yahoo.com) |
|  | | newsmap | **http://www.marumushi.com/apps/newsmap/newsmap.cfm** |
|  | | tenbyten | **http://www.tenbyten.org** |
| **Writing** | | |  |
| Difficulty planning/organizing the tasks associated with a research | So you have to…. | | **http://www.ri.net/schools/East\_Greenwich/research.html** |
|  | Cmap | | **http://cmap.ihmc.us/** |
|  | draftbuilder | | [**http://donjohnston.com**](http://donjohnston.com) |
| Difficulty getting ideas on paper to get started | Inspiration, kids inspiration | | [**http://inspiration**](http://inspiration)**.com** |
|  | Graphic organizers | | [**http://www**](http://www)**.eduplace.com/graphicorganizer/** |
| Difficulty in the process of composing a written work | Scholastic keys | | [**http://tomsynder.com**](http://tomsynder.com) |
|  | Pix writer | | [**http://www**](http://www)**.startersoftware.com/pixwriter.html** |
|  | idictate | | [**http://www**](http://www)**.idictate.com** |
| **Math** | | | |
| Difficulty with computation | WebMath | | [**http://www**](http://www)**.webmath.com** |
| Difficulty with Math Concepts | Interactive Math | | [**http://matti.usu.edu/nlvm/nav/vlibrary.html**](http://matti.usu.edu/nlvm/nav/vlibrary.html) |
| **Writing** |  | |  |
|  | **Strategy** | | **Technology options** |
| Difficulty writing legibly and/or efficiently | Provide an adapted writing instrument such as pencil grip | | The pencil Grip  [**http://www**](http://www)**.thepencilgrip.com** |
|  | Allow the student to keyboard assignments instead of writing by hand. | | Handheld computer  Laptop computer  Tablet Computer |
|  | Use speech to text tools (dictation) to bypass the hand-generation of text | | Dragon naturally Speaking  [**http://www.nuance.com/dragon/**](http://www.nuance.com/dragon/)  iDictate  [**http://www.idictate.com**](http://www.idictate.com)  Speak-write  [**http://www.speak-write.com**](http://www.speak-write.com) |
| Students are unable to focus their attention and mind to engage in writing | This site provides a single word prompt; the writer has 60 seconds to write about it. | | One word  [**http://oneword**](http://oneword)**.com/** |
|  | This site sends you a friendly email asking, ‘how did your day go?’ that serves as a daily writing prompt. | | Ohlife  [**http://ohlife**](http://ohlife)**.com/** |
|  | This site is a free online digital journal. Daily journaling is a great way to develop writing skills. | | Penzu  [**http://penzu**](http://penzu)**.com** |
|  | This site sends a weekly creative writing challenge. Students are asked to write a 100-word response that is posted to a public blog | | 100 Word challenge  [**http://100**](http://100)**wc.net/** |
|  | Use a standard word processor to type the first draft of their paper or report. | | Microsoft word  **http://office.microsoft.com** |
|  | Use a standard word processor to type the first draft of their paper or report. | | Microsoft word  **http://office.microsoft.com**  LibreOffice  [**http://libreoffice.org/**](http://libreoffice.org/) |
|  | Use a specialized word processor that offers word prediction and audio support | | Co: writer  **http://www.donjohnston.com** |
|  |  | | WordQ  **http://www.goqsoftware.com** |
|  | Use a collaborative word processor to allow two or more students to co-author a paper or report. | | Google Drive  [**http://drive.google.com**](http://drive.google.com) |
|  | Use a word processor that offers a simplified interface to reduce the cognitive demand on the writer | | Max’s Toolbox  **http://shop.fablevisionlearning.com/maxstoolbox/** |
|  | Use a word processor that features both pictures and text to support emergent writers | | Clicker 6  [**http://www.cricksoft.com**](http://www.cricksoft.com)  PixWriter  **http://www.suncastletech.com** |
|  | Use dictation software/services to dictate the first draft in order to bypass problems in handwriting, poor keyboarding skills, or frustration in spelling correctly | | Dragon Naturally Speaking  [**http://www.nuance.com/dragon**](http://www.nuance.com/dragon)  iDictate  [**http://www.idictate.com**](http://www.idictate.com)  Speak-Write  **http://www.speak-write.com** |

**Source**: Edyburn, D. L. (2013) Assistive Technology and Writing, Perspectives on Language and Literacy, 39(4).

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