

Instructional Strategy: Nonlinguistic Representations

References:

1. Using Technology with Classroom Instructions that Works: MCREL Consulting
2. Enhancing the Art & Science of Teaching with Technology: Robert Marzano & Sonny Magana

Type of Technologies Used for Nonlinguistic Representations	Technology Product	Web Address
Word Processing Applications	MS-Word I-Pad App: AudioNote, DrawFree, iPod voice recorder	Have students add photos and clip art to their writing I-Tunes Store
Organizing & Brainstorm Software	MS Office Smart Tools Inspiration Bubbl.us	Smart Art graphic tools are built into MS-Word, MS-Excel, and MS-PowerPoint Inspiration.com http://bubbl.us
Data Collection & Analysis Tools	MS-Excel,	

	<p>Digital Probes Digital Microscopes</p> <p>WolframAlpha: search engine that provides data</p> <p>Gapminder: provides statistics about the world.</p>	<p>Wolframalpha.com</p> <p>www.Gapminder.org</p>
Instructional Media	<p>Jefferson Country Schools PowerPoint Collection</p>	<p>Jefferson County Schools</p>
Multimedia Creation	<p>MS-PowerPoint Windows Live Movie Maker</p> <p>Prezi</p> <p>Google Presentation</p> <p>Powtoons</p>	<p>Prezi (<u>Note:</u> students under the age of 14 cannot post their work)</p> <p>Google Presentation</p> <p>http://www.powtoon.com/</p>

	<p>Digital Story Telling: DigiTales: how to begin the process of digital story telling.</p> <ul style="list-style-type: none"> • Toonlet • Storybird • Zoo Burst 	<p>http://www.digitales.us/</p> <p>http://toonlet.com https://storybird.com http://zooburst.com/</p>
<p>Instructional Interactives</p>	<p>National Library of Virtual Manipulatives</p> <p>I Know That</p> <p>Explore Learning</p> <p>Know It All</p> <p>Interactive Math Activities</p> <p>Shodor Math</p> <p>Our Timelines</p>	<p>NLVM</p> <p>www.iknowthat.com</p> <p>www.explorelearning.com</p> <p>www.knowitall.org</p> <p>http://www.cut-the-knot.org</p> <p>http://shodor.org/interactivate/activities</p> <p>www.ourtimelines.com</p>

	Khan Academy	http://www.khanacademy.org/
Database & Reference Resources	Visuwords Snappy Words Thinkmap's Visual Thesaurus Merriam-Webster's Visual Dictionary Rewordify MS-Office built in References Google Tools: <ul style="list-style-type: none"> • Google Maps • Google Sky • Google Earth SketchUp	http://www.khanacademy.org/ www.visuwords.com www.snappywords.com www.visualthesaurus.com http://visual.merriam-webster.com www.rewordify.com http://maps.google.com https://www.google.com/sky https://www.google.com/earth www.sketchup.com

