



Teaching Literacy and Numeracy through ICT

L White; H Crosbie

Program	Description	Suggested Application as a Teaching/Learning Tool
Discovery Box http://discoverybox.e2bn.org/	This site provides the tools to build up an argument or description of an event, person or historical period by placing items in a virtual box. Students can display anything from a text file to a movie.	Examples: Use box to display items used by a Roman soldier Display items to show that slavery was wrong
Voki http://www.voki.com/ -American site	Both teachers and students can use Voki. For teachers Voki allows them to access an online data base full of ideas for lessons categorised by year and subject. For students Voki allows them to improve message comprehension, by social interaction creating their own avatar which they can modify and share with others.	Provide motivation for students to interact with language in a fun and enjoyable way Improve spoken communication by students recording their own voice as part of their avatar profile These resources can be used to show links between written text and spoken words
Sites2See http://www.cli.nsw.edu.au/index.htm Activity Wizards -Australian site	This site can be used as an interactive bilingual literacy resource. The Sites2See guides are topic-focused, quality assured, one-page guides to the best teaching and learning resources online, and are supported by activities and syllabus advice.	Use 'teacher tools' to create, organise and manage content that supports high quality teaching and learning Use Activity wizards to create over 20 types of interactive multimedia learning activities. You can build your activities with video, audio, animation, photos or images to meet a specific learning outcome or focus. Suitable for using with interactive whiteboards.
Visuwords http://www.visuwords.com/	Visuwords is an online graphical dictionary. This site gives students the opportunity to find the definition of words, while also gaining an understanding of the connections between nouns, verbs, adjectives and adverbs.	Students can look up words to find their meanings and associations with other words and concepts This site can be used to help students gain an understanding of the links between Synsets
Story Bird http://storybird.com/	Storybirds are short, art-inspired stories you make to share, read, and print.	Students can use this website to create their own imaginative story. Use the pre-drawn pictures to show the students the links between images and text.



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<p>Wordle http://www.wordle.net/</p>	<p>Wordle is a tool for generating “word clouds” within which you can import text.</p> <p>The clouds give greater prominence to words that appear more frequently in the source text. You can tweak your clouds with different fonts, layouts, and colour schemes.</p>	<p>Students can use this tool to create unique posters altering language, font, lay out and colour</p> <p>Teachers could use this resource to generate more interesting word documents.</p>
<p>Go Animate http://goanimate4schools.com/public_index</p>	<p>In this program teachers can create an animated lesson for your class.</p>	<p>This program has a variety of lessons from different KLA’s preformed in cartoon form</p> <p>Use this interactive tool to engage students in a fun and enjoyable way</p>
<p>Make Beliefs Comix http://www.makebeliefscmix.com/Comix/</p>	<p>This website allows teachers and students to create their own interactive comic, customizing cast/characters, objects/setting and the dialog.</p>	<p>Students can enter the website and use the set template to create their own story.</p> <p>This resource can be used to get students interested in reading and writing their own creative stories whilst enhancing the use of ICTs.</p>
<p>Thesis Builder http://www.ozline.com/lectraguide/</p>	<p>Thesis Builder helps students nominate a certain topic depending on subject matter, create a good thesis statement and generate an outline.</p>	<p>This resource can be used to help students understand the nature and structure of thesis writing.</p>
<p>WordTalk http://www.wordtalk.org.uk/Home/</p>	<p>This is a program that translates text into speech. The program highlights certain sections of the document and reads it out loud in easy to follow manner. A talking dictionary is also inbuilt, which provides the user with options when they encounter an incorrect word.</p>	<p>Children with reading and writing difficulties can gain from having the text read out aloud</p> <p>Students who are auditory learners can benefit from this program.</p> <p>This program could be a useful tool when studying speech writing, particularly looking at word pronunciation</p>
<p>Comic Life http://plasq.com/products/comiclifewin</p>	<p>Comic Life is an interactive digital story telling program that can be used to help students frame events by putting them in sequence whilst choosing the dialogue of the characters. Comics</p>	<p>Write and communicate stories through photos.</p> <p>This program can be used to enhance students’ digital</p>



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	provide narrative experiences for students learning how to read, and for those students acquiring a new language. Images support the text and give students significant contextual clues to word meanings. Comics act as a scaffold to student understanding.	graphic writing skills. Comic life allows gifted and talented students express their creative ability through a range of multimedia formats.
Makebook http://makebook.com.au/	Makebook is an integrated, online writing and workspace purpose built for schools and teachers to improve and extend their written composition skills. Makebook allows students to author and manage publications online.	Makebook allows teachers to create, manage and complete homework, assignments and other writing based compositions online. This project allows students to research, draft and revise their work whilst online.
Spicy Nodes	SpicyNodes stimulates students' imaginations, enabling them to create their own nodemaps (mindmap) via an easy-to-use online authoring interface. Students can integrate media they know and love, such as images, YouTube videos, and music, while also incorporating text and headlines. Students display and share their nodemaps online.	SpicyNodes produces navigable concept maps that appeal to nonlinear thinkers and that encourage a deeper understanding of materials. SpicyNodes could be used as an online assessment task when students need to develop and display information on any given topic.
Digital Study Skills http://digitalstudyskills.weebly.com/	This website provides information on using various web-based tools in order to integrate ICT into the classroom effectively.	<ul style="list-style-type: none"> • This website would be useful for: Making and sharing digital flashcards • Making mind maps, flow charts • Developing personal learning environments (PLEs) • Creating summary notes to use at later dates • Creating podcasts
Want2Learn http://www.what2learn.com/play-a-game/ Quiz Wars http://what2learn.com/games/play/68812 Skydriver http://what2learn.com/games/play/49013	This website has a range of fun and enjoyable interactive games. Whether you are revising for examinations and tests, or simply looking for a powerful and engaging way to develop literacy and understanding this site provides for both.	The following activities could be useful: Quiz Wars- Students must decipher certain words before their Storm Trooper loses all his armour. Sky driver- Students must unscramble the words to save the sky driver. Safari Survivor- This is an online interactive game of hangman.



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<p>Safari Survivor http://www.what2learn.com/games/play/36033</p>		
<p>Interactive English Games and Activities http://www.woodlands-junior.kent.sch.uk/interactive/literacy.html</p>	<p>Literacy Zone is a games and activities website focused mainly on improving students English skills, in a fun and interactive way.</p>	<p>The following topics are covered in this activity:</p> <ul style="list-style-type: none"> • Spelling • Plurals • Compound words • Synonyms • Letter formations/sounds • Clusters and blends • Homophones • Phonemes • Prefixes/ Suffixes
<p>Game Goo http://www.earobics.com/gamegoo/gooey.html</p>	<p>This resource is for beginners, intermediates and those with advanced literacy skills. Students must choose their level of competence and then complete the set activities. Activities include identifying antonyms/synonyms, analysing poetry concepts, and even basic word formation and letter recognition.</p>	<p>The literacy skills addressed in this Resource are:</p> <ul style="list-style-type: none"> • Antonyms • Synonyms • Letter-sound correspondence • Poetry • Sentence and word order
<p>Read Write Think http://www.readwritethink.org/classroom-resources/student-interactives/?popular#top-tabs</p>	<p>Read Write Think is an interactive literacy resource full of online activities aimed at enhancing the enjoyment of reading and writing.</p> <p><i>Comic Creator</i> This resource allows students to compose their own comic strips for a variety of contexts.</p> <p><i>Story Map</i> This interactive resource includes a set of graphic organisers designed to assist teachers and students in pre-writing and post-reading activities.</p> <p><i>Word Family Sort</i> This online activity is designed for beginning and struggling readers to help them recognise word patterns and learn about onset and rime.</p>	<p>This resource could be used to:</p> <ul style="list-style-type: none"> • Stimulate ideas on creative writing • Engage students with different text forms • Mapping events in stories



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	<p><i>Printing Press</i></p> <p>The interactive Printing Press is designed to assist students in creating newspapers, brochures, flyers, and booklets. Teachers and students can choose from several templates to publish class newspapers, informational brochures, and flyers announcing class events.</p> <p><i>Plot Diagram</i></p> <p>The Plot Diagram is an organisational tool focusing on a pyramid or triangular shape, which is used to map the events in a story. This mapping of plot structure allows readers and writers to visualize the key features of stories.</p>	
<p>Fun Brain (Grammar Gorillas) http://www.funbrain.com/grammar/index.html</p>	<p>In Grammar Gorillas, students must identify certain parts of speech. If they click on the right word in the sentence, the gorillas get a banana. The more bananas the happier they are.</p>	<p>This resource looks at: Grammar and punctuation</p>