



Support units: ICTs in Geography
Overview

Churches' 2009 Bloom's Taxonomy

Incorporating thinking skills and ICT skills within Bloom's Taxonomy (revised 2001)

Bloom's Taxonomy	Thinking skills	ICT skills	Geography ICT exemplars
Remembering	<ul style="list-style-type: none"> recognising listing describing identifying retrieving naming locating finding 	<ul style="list-style-type: none"> bullet pointing highlighting bookmarking or favouriting social networking effective web searching 	<p>Ask your students to navigate to a known location in a mapping tool such as Google Earth</p> <p><http://www.google.com/earth/index.html></p>
Understanding	<ul style="list-style-type: none"> interpreting summarizing inferring paraphrasing classifying comparing explaining exemplifying 	<ul style="list-style-type: none"> advanced and Boolean searching blog journaling categorising and tagging commenting and annotating subscribing 	<p>Ask your students to select appropriate data to graph in Microsoft Excel in order to understand their issue</p>
Applying	<ul style="list-style-type: none"> implementing carrying out using executing 	<ul style="list-style-type: none"> running and operating playing uploading and sharing hacking editing 	<p>Collect and count litter around your school using a grid pattern or year level areas. Efficiently and effectively use Google Maps</p> <p><http://maps.google.com.au/> to create a choropleth map showing the distribution of litter around the school</p>
Analysing	<ul style="list-style-type: none"> comparing organizing deconstructing attributing outlining 	<ul style="list-style-type: none"> mashing linking reverse engineering cracking 	<p>Use Gapminder</p> <p><http://www.gapminder.org/> to compare the levels of development over time for a range of countries as part of an investigation into a region</p>

Bloom's Taxonomy	Thinking skills	ICT skills	Geography ICT exemplars
	<ul style="list-style-type: none"> • finding • structuring • integrating 		
Evaluating	<ul style="list-style-type: none"> • checking • hypothesising • critiquing • experimenting • judging • testing • detecting • monitoring 	<ul style="list-style-type: none"> • online commenting or reflecting • posting • moderating, collaborating and networking • testing • validating 	Display water quality data in an online mapping tool such as Google Maps < http://maps.google.com.au/ > or ArcGIS Explorer Online < http://www.arcgis.com/explorer/ > and use that data to decide on a management strategy for the area
Creating	<ul style="list-style-type: none"> • designing • constructing • planning • producing • inventing • devising • making 	<ul style="list-style-type: none"> • programming • filming • animating • video or podcasting • mixing or remixing • directing and producing • publishing 	Create a map in Google Maps < http://maps.google.com.au/ > displaying the development plans for a new sustainable housing development on the outskirts of a major city

Source: Based on Anderson & Krathwohl. (2001). *Bloom's Digital Taxonomy*.

Retrieved October 2012, from:

<https://docs.google.com/viewer?url=http%3A%2F%2Fedorigami.wikispaces.com%2Ffile%2Fview%2Fbloom%2527s%2BDigital%2Btaxonomy%2Bv3.01.pdf>