VISUAL LITERACY

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A PICTURE IS WORTH A THOUSAND WORDS.

- Students live in a world of visual images- TV, video games, advertisements, photographs.
- 90% of information that comes to brain is VISUAL
- 80% of people are visual learners
- visual information is 6,000 x faster to process and easier to understand, remember and recall
- Current educational research:
  - ‘expanded Visual Literacy (Representations) to match reality of today’
  - ‘VL is overtaking print and text’
  - ‘Geography textbooks lacking VL are not addressing 21st century education…. should average 50% of content on double page.’
- Infographics, satellite images, 3D diagrams, interactive websites, Web 2.0 tools

Image http://img.picturequotes.com/2/5/4317/a-picture-is-worth-a-thousand-words-quote-1.jpg

Image https://s-media-cache-ak0.pinimg.com/originals/71/6c/e5/716cea586d454587393652413fe37267.jpg
Visual Literacy

GEOGRAPHICAL TOOLS-VL

CURRICULUM
VISUAL REPRESENTATIONS
End of Year 6 (ACARA)
- 'explain how analytical images such as figures, diagrams, tables, maps and graphs contribute to understanding of factual information in texts'

- End of Year 8 (ACARA)
- 'analyse the effects of different visual elements upon the reader/viewer, and how visual texts such as advertisements and informative texts draw on other texts to enhance meaning'

INFOGRAPHICS

- Infographics
  - visual representation of geographical data
  - useful tools to represent geographical information in a compact way
  - thousands of geography topics on web
  - diagram or chart can display/replace large amounts of written data (heavy text for poorer students)
  - different styles and visualisations
  - maps, graphs, tables, cartoons, photos

- Students in primary school are using infographics
  - Infographics must keep up to date with current world events

INFOGRAPHICS

BENEFITS OF USING INFOGRAPHICS IN CLASS

We are inclined to “snackable” content—Twitter, vines, snapchats, haikus, memes.

Infographics combine images, colours, movement, and present content that catches our attention.

Using infographics allows students to broadly scan information before reading material in more detail.

Refer to Google images for inspiration
Visual Literacy

Using infographics in classroom

Create infographics using information, visual and technology literacies
Infographics as a creative assessment
http://www.schoollanguages.net/infographics-as-creative-assessment.html
Create your own infographic
https://magic.plktech4.com/output/d38684ef-creating-infographic
Turn infographics into effective teaching tools
Easy to use
https://plktech4.com/

Image: GeoWorld 7-10, Macmillan

VISUAL LITERACY: DIFFERENT DIAGRAMS

Image: GeoWorld 7-10, Macmillan
Did you know? Google Maps use camels for Street View in the desert landscape: Year 7 (LL) Year 9 (SB).

Visual literacy
AGTA ANNOUNCES AN ESSENTIAL NEW GEOGRAPHY RESOURCE

*Geography Skills Unlocked* is an exciting new skills book for Australian secondary schools

**KEY FEATURES:**

- Contents aligned to the inquiry and skills-based requirements of *Australian Curriculum: Geography*
- An engaging, easy to navigate design
- A student friendly approach with step-by-step explanations, descriptions and worked examples
- A focus on emerging technologies used to gather, analyse and present geographical data
- *GeoSkills* and *GeoInquiry* activities that scaffold student learning
- A wealth of stimulus material including a diverse range of maps, graphs, aerial photographs, satellite images, diagrams and photographs
- Examples drawn from each Australian state and territory with additional international material
- Key terms explained in embedded glossary boxes

*Geography Skills Unlocked* will be published mid 2016 and will be available for purchase via the AGTA website: [www.agta.asn.au/Products](http://www.agta.asn.au/Products)