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WHAT IS CRITICAL THINKING?
“Critical thinking is the intellectually disciplined process of actively and skillfully conceptualizing, applying, analyzing, synthesizing, and/or evaluating information gathered from, or generated by, observation, experience, reflection, reasoning, or communication, as a guide to belief and action.”

— “MICHAEL SCRIVEN & RICHARD PAUL FOR THE NATIONAL COUNCIL FOR EXCELLENCE IN CRITICAL THINKING INSTRUCTION HTTP://WWW.CRITICALTHINKING.ORG/PAGES/DEFINING-CRITICAL-THINKING/410 ”
WHY IS IT SO IMPORTANT?
WHY THINK CRITICALLY

• “Authoritative” and “credible” sources are no longer defined within the library

• Anyone can create and share information

• Information is and has always been manipulable
THINKING CRITICALLY THROUGH DIGITAL MEDIA
APPROACH

- Examining online information
- Researching its reliability
- Carrying out independent research
EXPLOITING INFOGRAPHICS
WHAT’S AN INFOGRAPHIC?

AN INFOGRAPHIC IS:

A data-rich visualization of a story or thesis
A tool to educate and inform
A way to build brand awareness and inbound links at half the cost of standard online marketing campaigns

THE VALUE OF AN INFOGRAPHIC

High quality infographics are 30 times more likely to be read than text articles

90% of information transmitted to the brain is visual

http://tinyurl.com/d8dzrua
WHY USE INFOGRAPHICS?

• Convey dense information in an easy to read way
• Reduce screen reading fatigue
• Less language dependent - more accessible to lower levels
• Vocabulary rich
• More stimulating for visual learners
• Images aid understanding of concept and memory
• Academic skills of dealing with graphical information
• We can use them to encourage critical thinking
INFOGRAPHICS

TASKS FOR EXPLOITING INFOGRAPHICS
FACT FINDING

Ask your students to find x-number of what they believe are the most important or significant facts in the infographic. Get them to justify their choice and explain why these points are the most significant.
Give your students an infographic and get them to create a quiz based around it. Once the students have created their quiz they can use it to check the comprehension or knowledge of other students in their class. You can make this competitive and have teams to quiz each other.
INFOGRAPHICS

RESEARCHING AND FACT CHECKING

Get students to check the sources of any statistics mentioned in an infographic to make sure they are correct and that the sources are valid.
INFOGRAPHICS
PERSONALISATION OF INFORMATION

You can get students to find out where they fit within any infographics that contain personal information. You can also use this as a mingle task by asking students to try to find someone in the classroom who fits into any of the same statistics that they do.
INFOGRAPHICS

TRUE FALSE STATEMENTS

Write true false sentences for students check
WHOSE INTEREST?

Ask the students to find out who created the infographic and why they think it was created. This involves them researching the source and thinking about the relationship between the company that created the graphic and the information in it.

http://visual.ly/sixty-years-bombshell
This encourages students to think about applying information and making it purposeful for their own lives. Encouraging a personal response from students can also make the lessons more meaningful and memorable for them.
Ask your students to take notes about the most important information in the infographic and then use the notes to write a summary. The summary could have some form of publication as a motivation, such as a newspaper report or website publication.
INFOGRAPHICS

MAKE A SPOKEN PRESENTATION

You can ask your students to prepare an oral presentation based on the information they took from the infographic.
INFOGRAPHICS

USE THE INFORMATION

HOW NOT TO LOOK UGLY ON A WEBCAM

Don't have any light behind you (even if it's from a window).
When light hits a webcam, it compensates by going dark, which makes you look like a facial shadow.

Have light facing you.
That's how they make people look good on TV.

Mind your background.
No bathroom or anything flaky behind you.

Use an ethernet cable to connect to the internet & turn wifi off.
With is convenient, but it has latency issues, which makes you look like you're constantly 2 seconds behind the conversation.

Find a quiet place to record.
If people have to strain to hear they'll feel annoyed.
INFOGRAPHIC SOURCES

• http://elearninginfographics.com/

• http://dailyinfographic.com/

• http://www.coolinfographics.com/

• http://infographicworld.com/

• Search on any search engine
SAVING INFOGRAPHICS
INFOGRAPHICS

CREATING INFOGRAPHICS
INFOGRAPHICS

TOOLS FOR CREATING INFOGRAPHICS

- https://www.draw.io/
- https://adioma.com
- https://www.genial.ly/
- https://www.canva.com/
- https://infogr.am/
INFOGRAPHICS

INFOGRAPHIC CREATION TASKS
INFOGRAPHIC CREATION TASKS

- Infographic yourself
- Convert text to infographic
- Fan infographic
- Class survey
- Social research infographic
- Theme infographic
- Process infographic
- Historical time line
- Vocabulary map
- Grammar infographic
FURTHER READING

• Exploiting infographics

• 9 Generic activities for exploiting infographics

• Creating illustrations and infographics for ELT tasks

• 70 Tools And 4 Reasons To Make Your Own Infographics

• 10 Reasons Information Visualisation Rocks

• Integrating Infographics into the iClassroom

• The Ultimate Guide To Infographics

• When Images “Lie”: Critical Visual Literacy
FREE STUFF

Here you can find links to free digital books and learning materials from around the internet.

Click the images to find out how to download these resources.