# Lesson 4: Research and plan your blog

Year 7 and 8 – Using Media – Gaining support for a cause

National Centre for Computing Education

## **Gaining support for a cause**

- Citation
- Plagiarism
- Paraphrase

- Conduct research on the internet to help you find definitions for these three terms. Document your findings in your worksheet.
- Don't forget to reference your source.
- Explorer task: Find an example that demonstrates your definition.

## Research

Citation

"A word or piece of writing taken from a written work"

"All citations are taken from the 2007 edition of the text."

## Research

**Paraphrase** 

"To repeat something written or spoken using different words, often in a humorous form or in a simpler and shorter form that makes the original meaning clearer"

## Research

**Plagiarism** 

"The process or practice of using another person's ideas or work and pretending that it is your own"

"The techniques for detecting plagiarism are becoming increasingly advanced."

## Lesson 4: Research and plan your blog

## In this lesson, you will:

- Use citations and recognise the concept of plagiarism
- Evaluate online sources

## Think, write, pair, share

- Read the two poems
- Write down an answer
- When you're ready, share your answer with the person next to you and

## discuss your thoughts

Original poem	Alternative poem
<i>"I wandered lonely as a cloud</i>	<i>"I walked alone, as alone as a cloud</i>
That floats on high o'er vales and	That was floating over valleys and
hills,	mountains
When all at once I saw a crowd,	When suddenly I saw a congregation
A host of golden daffodils;"	A mass of yellow flowers"

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The alternative poem has been \_\_\_\_\_\_.

Without \_\_\_\_\_, this is an example of \_\_\_\_\_\_.

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The alternative poem has been paraphrased.

Without citation, this is an example of plagiarism.

## **Blog research** — work in pairs

Visit these blogs and look at the following:

- Presentation and appearance
- Image-to-text ratio
- Are the images appropriate?
- How were the sources cited?

- <u>NASA</u>
- RealClimate
- <u>Itsgettinghotinhere</u>

## Which website?



As the population grows to nearly 8 billion people, more and more plastic waste is building up rapidly. However, not is it only filling up the landfills but it's affecting our beaches, coasts, oceans, seafloors and inland waterways. The effect of coastal littering is not only washing up bottles and other plastic debris, but also marine life.

## Which website?

#### **Global Temperature Rise**

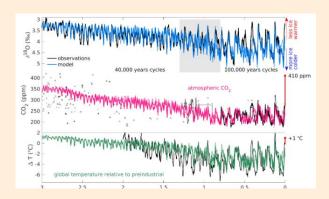


The planet's average surface temperature has risen about 1.62 degrees Fahrenheit (0.9 degrees Celsius) since the late 19th century, a change driven largely by increased carbon dioxide and other human-made emissions into the atmosphere.<sup>4</sup> Most of the warming occurred in the past 35 years, with the five warmest years on record taking place since 2010. Not only was 2016 the warmest year on record, but eight of the 12 months that make up the year — from January through September, with the exception of June — were the warmest on record for those respective months.

#### References

- 1. IPCC Fifth Assessment Report, Summary for Policymakers
- B.D. Santer et.al., "A search for human influences on the thermal structure of the atmosphere," Nature vol 382, 4 July 1996, 39-46
- Gabriele C. Hegerl, "Detecting Greenhouse-Gas-Induced Climate Change with an Optimal Fingerprint Method," Journal of Climate, v. 9, October 1996, 2281-2306
- V. Ramaswamy et.al., "Anthropogenic and Natural Influences in the Evolution of Lower Stratospheric Cooling," Science 311 (24 February 2006), 1138-1141
- B.D. Santer et.al., "Contributions of Anthropogenic and Natural Forcing to Recent Tropopause Height Changes," Science vol. 301 (25 July 2003), 479-483.
- 2. In the 1860s, physicist John Tyndail recognized the Earth's natural greenhouse effect and suggested that slight changes in the atmospheric composition could bring about climatic variations. In 1896, a seminal paper by Swedish scientist Svante Arrhenius first predicted that changes in the levels of carbon dioxide in the atmosphere could substantially alter the surface temperature through the greenhouse effect.
- National Research Council (NRC), 2006. Surface Temperature Reconstructions For the Last 2,000 Years. National Academy Press, Washington, D.C.
- http://earthobservatory.nasa.gov/Features/GlobalWarming/page3.php
- https://www.ncdc.noaa.gov/monitoring-references/faq/indicators.php
- tp://www.cru.uea.ac.uk/cru/data/temperature
- ttp://data.giss.nasa.gov/gistemp
- bs://www.giss.nasa.gov/research/news/20170118/

## Which website?



**Postscript (11 April):** <u>Breitbart has published</u> a mind-blowing misrepresentation of the Willeit et al. study, in an article titled "Scientists Prove Man-Made Global Warming is a Hoax". It's that old non-sequitur "if climate has changed naturally in the past, humans can't be causing the ongoing global warming." RealClimate has asked Matteo Willeit to comment. Here is what he wrote:

Human CO2 emissions have already so massively disturbed the natural climate cycles that within the last hundred years they have more than undone the previous 5000 years of natural cooling due to the precession cycle, and global temperature is now already higher than at any time in the Holocene and thus the entire history of human civilization.

The same model that, in the present study, has been shown to be able to simulate the past 3 million years of natural climate variability also predicts that our CO2 emissions since the industrial revolution were so large that they will disturb the natural ice age cycles for tens of thousands of years to come because of the very long legacy of our fossil CO2 in the atmosphere (Ganopolski et al., 2016).

## **Research for your cause**

 Before you start researching your cause, think about how to evaluate the credibility of the information that you will come across.

• Can you remember the four tips that you learnt about last lesson?

## **Research for your cause**

 Before you start researching your cause, think about how to evaluate the credibility of the information that you will come across.

• Can you remember the four tips that you learnt about last lesson?

- Check the **author** and the **source**
- What's the **purpose** of the article?
- Check **when** the article was written
- Check the facts

Q

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## **Research for your cause**

Article/website title	URL	Notes/quotations/who to credit or cite	<b>Evaluate the</b> <b>credibility of the</b> <b>source.</b> How can you prove that this is a reliable source?
WHY IS THE PLASTIC WASTE IN OUR WATERWAYS INCREASING?	http://www.itsgettin ghotinhere.org/go- green/why-is-the- plastic-waste-in- our-waterways- increasing/	"It is estimated that the current population has produced a 320 million tonnes of <u>plastic waste</u> ! And if we carry on as we are and do not change, this figure could double by 2034"	<ul> <li>Written in June last year</li> <li>These facts also appear on other websites</li> </ul>

## **Exit ticket: Match the terms with the definitions**

What do the following sentences describe?

- Q1 Referencing someone else's work
- Q2 When you use someone else's work but change a few words, often with the intention of shortening the original piece of work
- Q3 When you use someone else's work but try to pass it off as your own original work

Summary

## **Next lesson**

## In this lesson, you...

- Used citations and recognised the concept of plagiarism
- Evaluated online sources

## Next lesson, you will...

- Construct a blog
- Organise the content of the blog
- Apply referencing techniques that credit authors appropriately
- Design the layout of the content to make it suitable for the audience