

Integrating Information Literacy Skills into the Young Learner Classroom

Presented by Dr. Joan Kang Shin

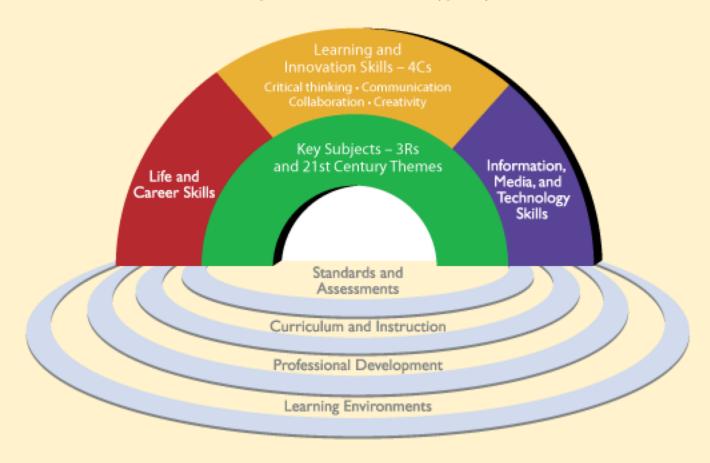


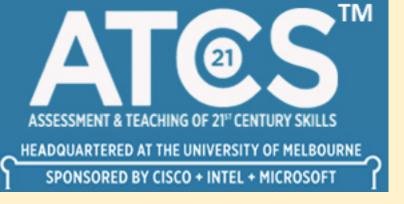
Dr. Joan Kang Shin is an Associate Professor of Education at George Mason University and the Academic Program Coordinator of the Teaching Culturally & Linguistically Diverse & Exceptional Learners (TCLDEL) program. Dr. Shin specializes in teaching ESL/EFL to young learners and teenagers and has provided professional development programs and workshops to EFL teachers in over 100 countries around the world. She is a Series Editor of National Geographic Learning's young learner programs Welcome to Our World, Our World, and Explore Our World, as well as the teen program Impact, and an author of the professional development title Teaching Young Learners English.

P21 Framework for 21st Century Learning http://www.p21.org

P21 Framework for 21st Century Learning

21st Century Student Outcomes and Support Systems





WAYS OF THINKING

- · Creativity and innovation
- Critical thinking, problem-solving, decision-making
- Learning to learn/metacognition (knowledge about cognitive processes)

WAYS OF WORKING

- Communication
- · Collaboration (teamwork)

TOOLS FOR WORKING

- Information literacy
- Information and communication technology (ICT) literacy

WAYS OF LIVING IN THE WORLD

- Citizenship local and global
- · Life and career
- Personal and social responsibility

 including cultural awareness

 and competence

For further detail please see: Binkley, M., Erstad, O., Hermna, J., Raizen, S., Ripley, M., Miller-Ricci, M., & Rumble, M. (2012). Defining Twenty-First Century Skills. In Griffin, P., Care, E., & McGaw, B. Assessment and Teaching of 21st Century Skills, Dordrecht, Springer.

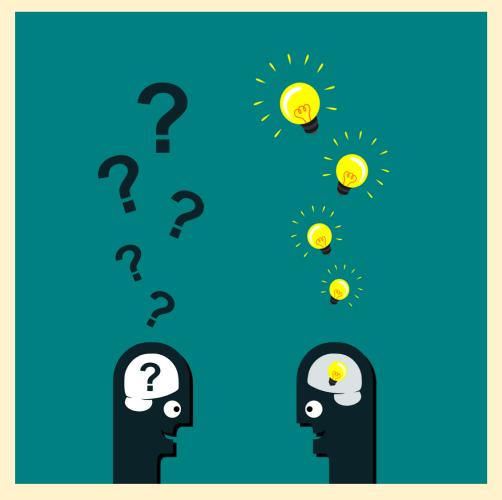
"The illiterate of the 21st century will not be those who cannot read or write, but those who cannot learn, unlearn and relearn."

~ Alvin Toffler

Question for you!

What is information literacy?

Write any words, phrases, or sentences into the chat box.



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Definition of Information Literacy

The American Library Association defines "information literacy" as a set of abilities requiring individuals to "recognize when information is needed and have the ability to locate, evaluate, and use effectively the needed information.

Presidential Committee on Information Literacy. Final Report. (1989). Chicago: American Library Association. http://www.ala.org/ala/mgrps/divs/acrl/publications/whitepapers/presidential.cfm

Why is information literacy important?

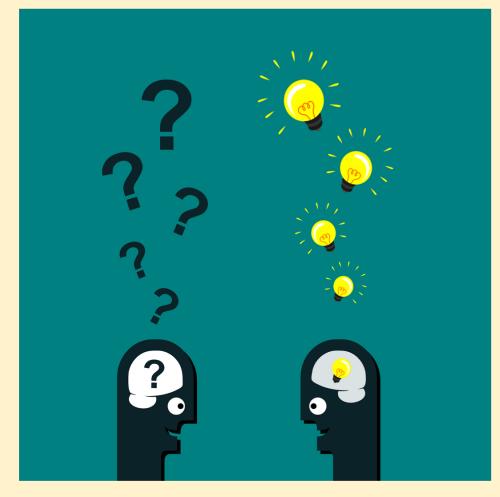
"21st century students need to acquire the skills to appropriately access, evaluate, use, manage, and add to the wealth of information and media they now have at their thumbs and fingertips."

(Trilling & Fadel, 2009, p. 64)

Question for you!

Why is information literacy important for English teachers?

Write any words, phrases, or sentences into the chat box.



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Why is it important for English teachers?

Majority of information on the Internet is in English

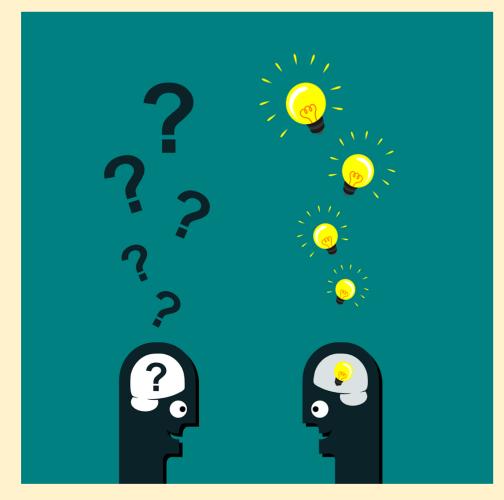
Source: w3techs.com



Question for you!

What are information literacy skills?

Write any words, phrases, or sentences into the chat box.



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What are information literacy skills?

Access and evaluate information

- Access information efficiently (time) and effectively (sources)
- Evaluate information critically and competently

Use and manage information

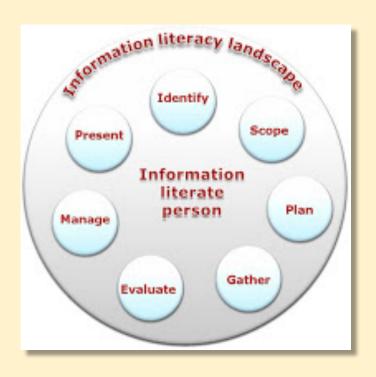
- Use information accurately and creatively for the issue or problem at hand
- Manage the flow of information from a wide variety or sources
- Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of information

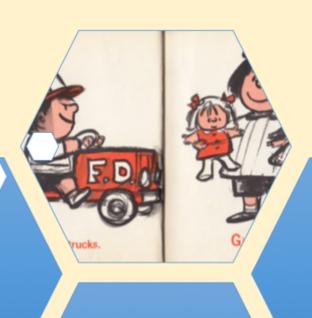
(Trilling & Fadel, 2009, p. 67)

Source: Partnership for 21st Century Learning (P21)

The Seven Pillars of Information Literacy (SCONUL, 2011)

- 1. Recognize the need for information
- 2. Distinguish ways in which the lack of information can be addressed
- 3. Build strategies to locate the information
- 4. Locate and access the information
- 5. Compare and evaluate the information obtained from several sources
- 6. Order, apply and communicate information to others in an adequate fashion
- 7. Synthesize and add to the existing information, contributing to the creation of new knowledge





Digital Literacy Visual Literacy

Information Literacy



Media Literacy



Communication in the 21st century requires skills to interpret information.

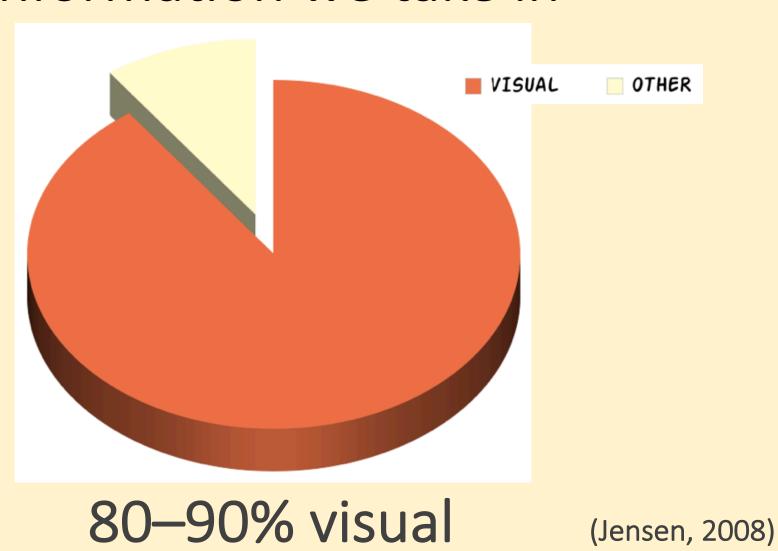
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VISUAL

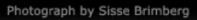
Pictograms Collages Timelines Videos Magazines Symbols Storyboards

Mensites

Information we take in









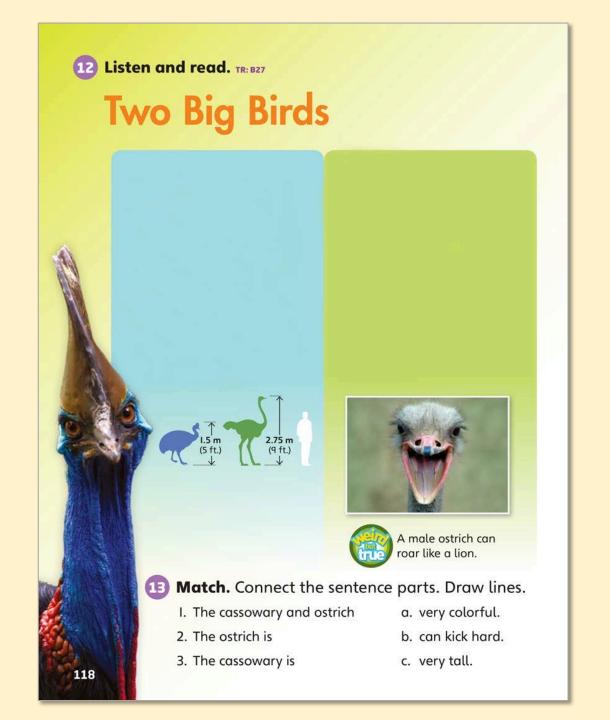
We read non-text 60,000 times faster than text

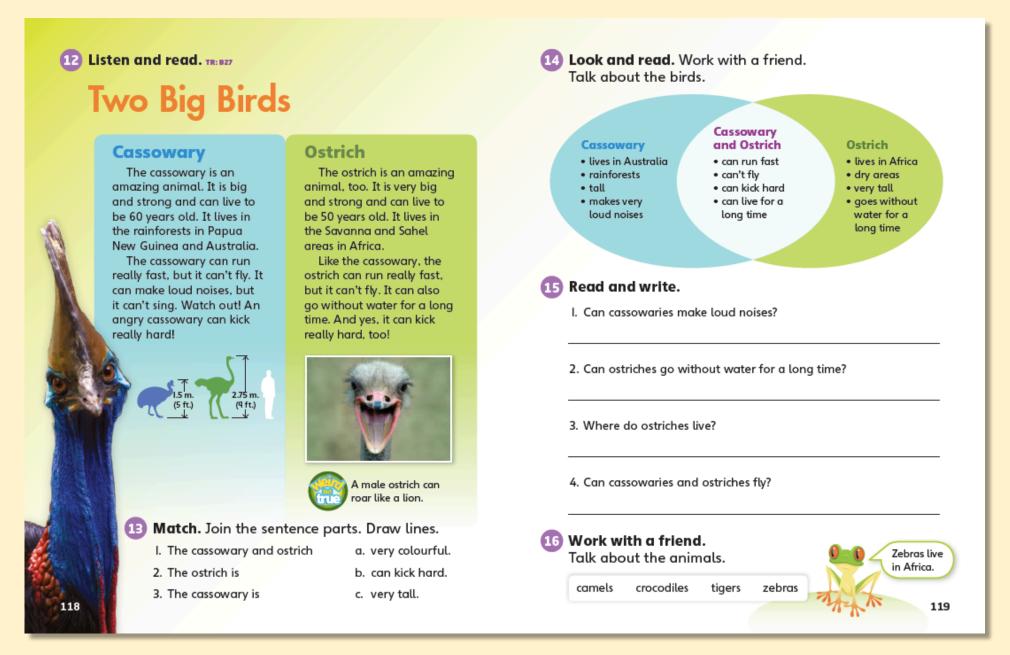
The cassowary is an amazing animal. It is big and strong and can live to be 60 years old. It lives in the rainforests in Papua New Guinea and Australia. The cassowary can run really fast, but it can't fly. It can make loud noises, but it can't sing. Watch out! An angry cassowary can kick really hard!

The ostrich is an amazing animal, too. It is very big and strong and can live to be 50 years old. It lives in the Savanna and Sahel areas in Africa. Like the cassowary, the ostrich can run really fast, but it can't fly. It can also go without water for a long time. And yes, it can kick really hard too!

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Tip #1:

Expose children to all types of information graphics and graphic organizers

Critical Literacy

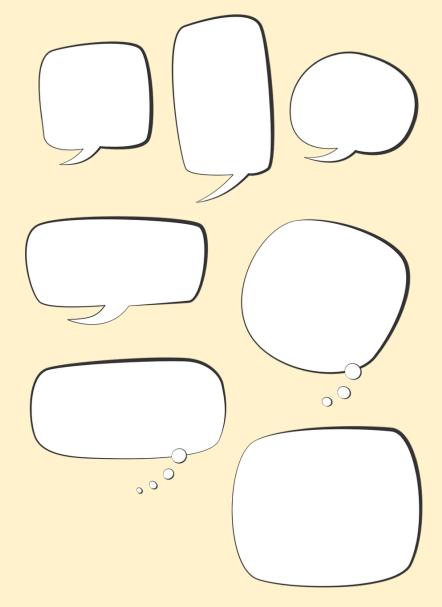
"It is no longer enough simply to read and write. Students must also become literate in the understanding of visual images. Our children must learn how to spot a stereotype, isolate a social cliché, and distinguish facts from propaganda, analysis from banter, and important news from coverage."

~ Ernest Boyer, past president, Carnegie Foundation for the Advancement of Teaching

Time to share!

What are some activities you already do that focus on information literacy skills?

Write any words, phrases, or sentences into the chat box.



"Speech bubble" via Pixabay by caffeinesystem is licensed CCO Creative Commons

Information Literacy Activities

- Visual Thinking Strategies
- Images in Advertising Ad Detective Activity
- Identifying Stereotypes Gender Bias
- Map of the world Bias in mapmaking
- 5 Ws of a Newspaper Article
- Activities to determine fact vs opinion
- News Literacy Evaluating information sources
- How to detect Fake News

Visual Thinking Strategies

"Visual Thinking Strategies" is an inquiry-based teaching method created by cognitive psychologist Abigail House and museum educator Philip Yenawine.

Visual Literacy Questions:

- What's going on in this image?
- What do you see that makes you say that?
- What more can you find?

VISUAL LITERACY INQUIRY

- What am I looking at?
- Where is it?
- Who is in it?
- What is happening?
- How does the image make me feel?
- What does this image mean to me?
- What is the story behind this image?



VISUAL LITERACY INQUIRY

- What do you see in the photo?
- Who are the people in the boats?
- What are they doing?
- Can I find this in my country?
- Do we have something similar?
- Where do we buy fresh food?



Images in Advertising

1. Group pressure:

An ad shows lots of young people, each with their own mobile phone.

Message: Everyone has a mobile phone. You need one, too!

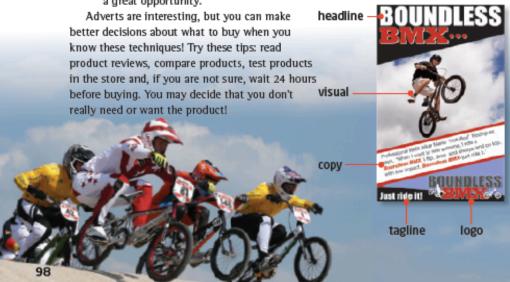


Be an Ad Detective!

Every day we see adverts – on TV, in magazines, on websites, in the street and on our computer screens. We hear them, too. But often we don't notice them. A famous film producer once showed over 100 products in his film, but most people didn't notice them!

Are you an ad detective? Can you understand the messages advertisers send you? To be an ad detective, it is useful to know how ads work. Let's look at some typical advertising techniques.

- Group pressure: An ad shows lots of young people, each with their own mobile phone. Message: Everyone has a mobile phone. You need one, too!
- Association: Everyone looks happy and healthy in the ad. They're cool and beautiful, too. Message: If you buy the product, you will be happy and cool like these people.
- Testimonials: A famous athlete says he wears a certain brand of trainers.
 Message: You'll be good at sports, too, if you buy these trainers. Or, because a famous athlete wears these trainers, they're a product you can trust.
- Repetition: These ads mention the product many times and say wonderful things about it. Message: You need to remember the product.
- Time pressure: These ads use expressions like 'Buy now! Half price this
 week.' Message: You should buy the product quickly before you miss
 a great opportunity.



Images in Advertising

2. Association:

Everyone looks happy and healthy in the ad. They're cool and beautiful, too.
Message: If you buy the product, you will be happy and cool like these people.

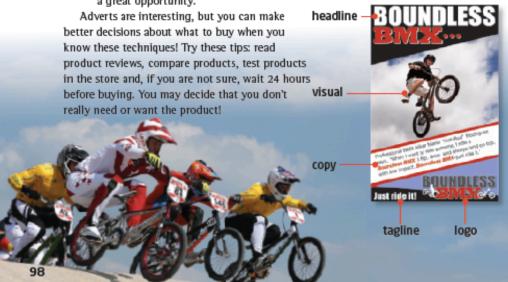


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Students think critically about...

- Who is responsible for the ad?
- Who is the advertiser selling the product to?
- Do you want to buy the product?
 Why?
- What techniques does the ad use?
- Does it use group pressure?
 Association? Testimonial? A
 celebrity? An attractive person?
 Time pressure?
- What does the ad say or suggest about the product?





Ad Strategies

Source: Brain Pop

https://www.brainpop.com/english/studyandreadingskills/medialiteracy/activity/?tab=advanced#=standard

DEFINE IT

Research three common advertising strategies from the list. Define each one in your own words, and describe one real-life example.

REPETITION EMOTIONAL APPEAL FLATTERY BRIBERY
BANDWAGON FACTS AND STATISTICS NAME-CALLING CELEBRITY ENDORSEMENT

TECHNIQUE	DEFINITION	EXAMPLE





HOME ABOUT RESEARCH EVENTS MEMBERSHIP GET INVOLVED EDUCATION NEWSROOM/MEDIA DONATE SHOP SMARTBRIEF 🔎

Guess Who? Video Learning Series

In partnership with ITVS and the Corporation for Public Broadcasting and their Women and Girls Lead campaign, we've created our "Guess Who?" children's educational program which is a series of videos and curriculum designed to teach young children to challenge gender stereotypes. These videos were created by student producers at Boston University, Columbia College, Lipscomb University, USC and Webster University. The video series aired nationally on PBS.

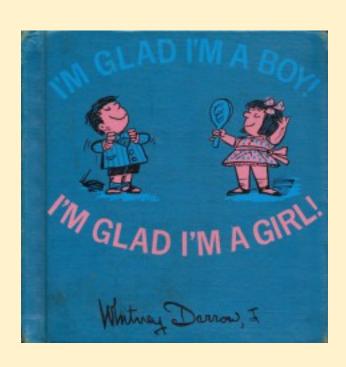


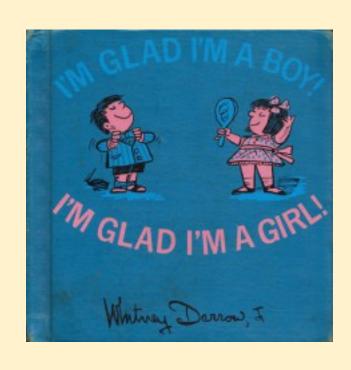


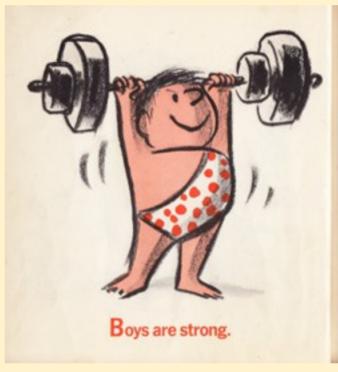




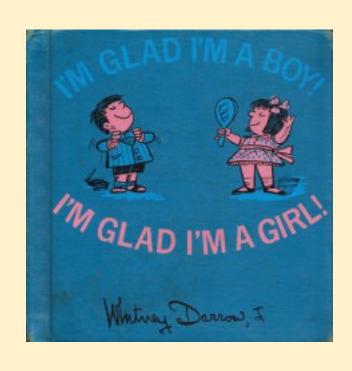
Education

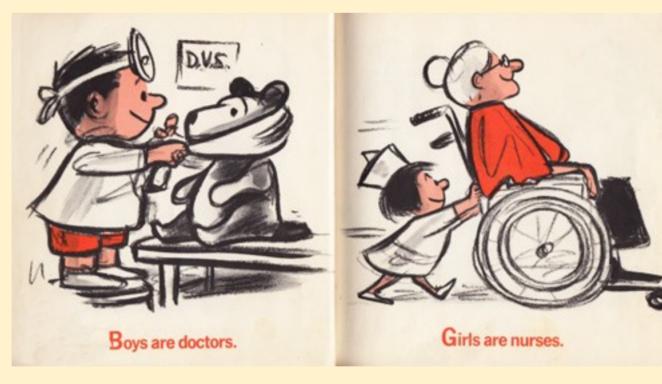


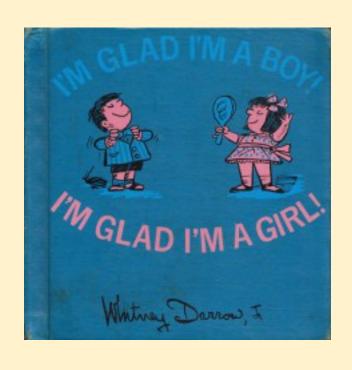




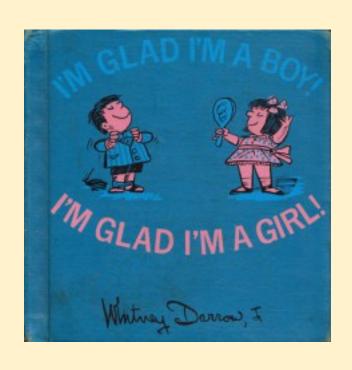






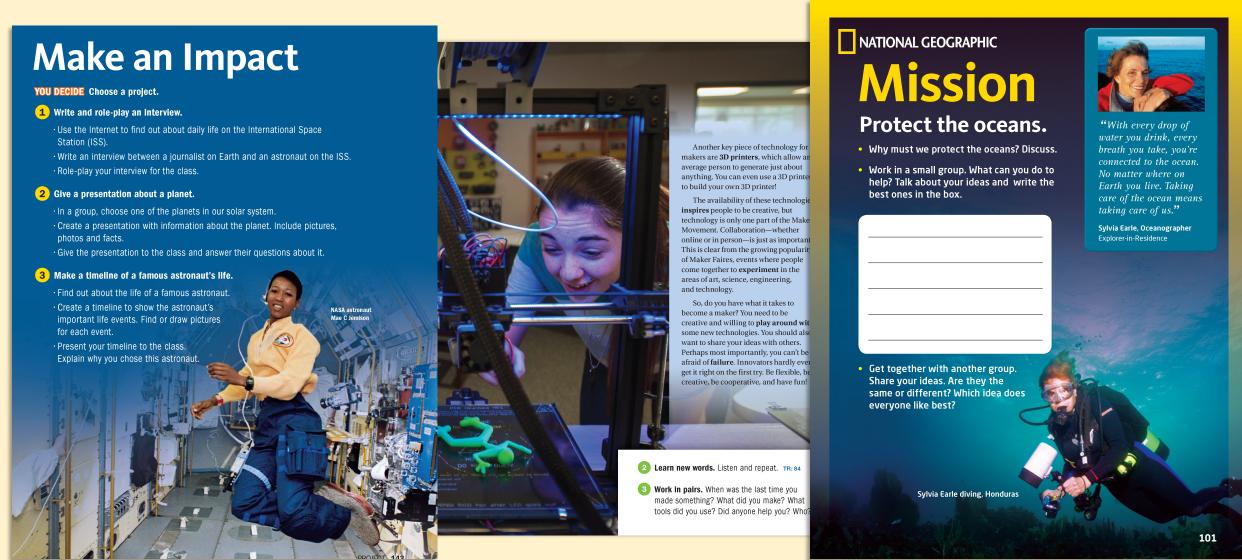




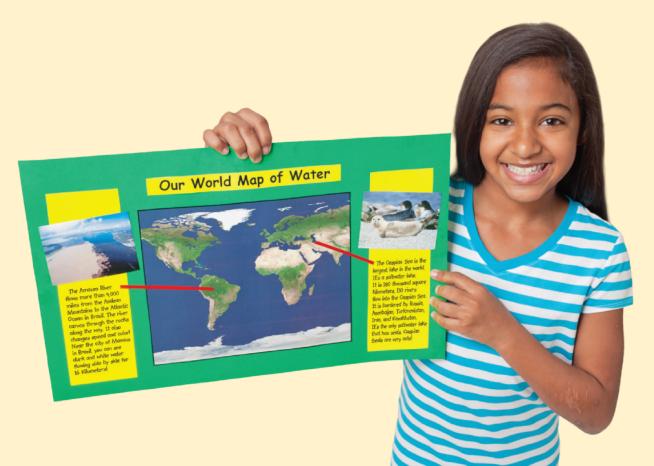


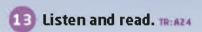






Map Activity: Identifying Bias





Eye in the Sky

Satellites are machines in space that circle Earth. They help us talk to people on the other side of the planet. They can also study the planet's weather. This satellite is called GeoEye 1. It is the same size as a big car. It takes photos of our planet. These pictures can show our continents and oceans. They can show our streets and houses, too!

On the Internet there are many photos and maps of Earth. We can use these images to help us to explore our world.

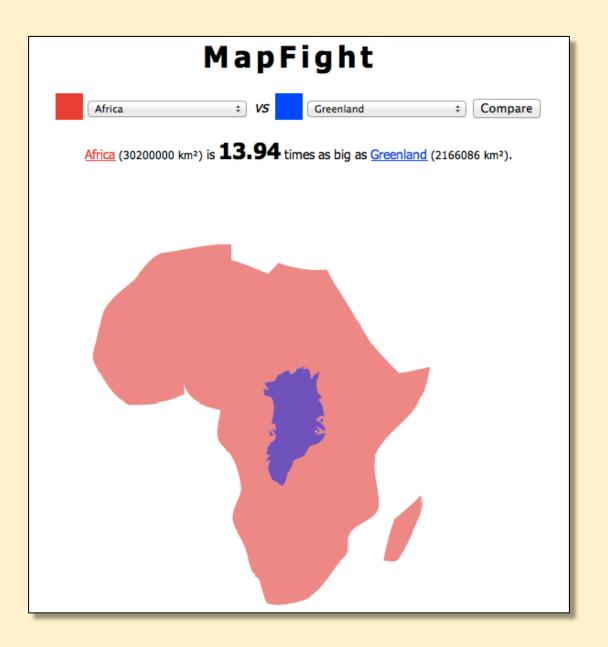




Pose a problem

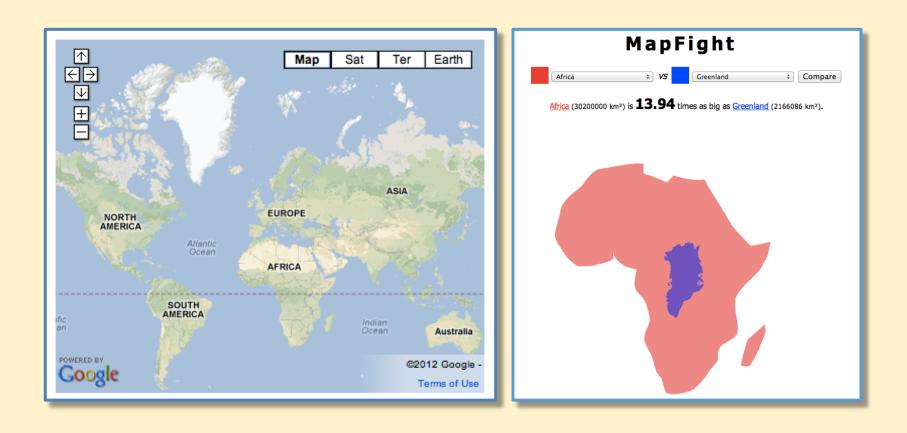


Africa and Greenland look like the same size.



Source: mapfight.appspot.com

Why is the Google map incorrect?



Why do Africa and Greenland look like the same size?

Map of the World – Bias in mapmaking

Boston public schools map switch aims to amend 500 years of distortion

A district will drop the Mercator projection, which physically diminished Africa and South America, for the Peters, which cut the developed world down to size



The Gall-Peters projection, which shows land masses in their correct proportions by area, puts the relative sizes of Africa and North America in perspective. Photograph: Alamy Stock Photo

Tip #2:

Enhance critical thinking skills to interpret visual information

5 WS of a Newspaper Article

Source:

https://www.teacherspayteachers.com/Product/The-5Ws-of-a-Newspaper-Article-Student-Activity-Handout-Classroom-Posters-1092553

Who?

Ask yourself:

- Who was the article written by?
- · Whose viewpoint or perspective is being shown?
- Who is being interviewed? Who is conducting the interview?

What?

Ask yourself:

- · What is the subject of the article?
- What events have happened?

Where?

Ask yourself:

- · Where did these events occur?
- What locations are discussed?

When?

Ask yourself:

- · When did these events occur?
- Are there upcoming dates that apply to this topic?
- When was the article written?

Why?

Ask yourself:

- · Why did these events occur?
- What were the contributing factors that influenced these events?

Evaluating information: fact vs. opinion

Paragraphs of Fact and Opinion

To introduce opinions, remember to use words like *in my opinion*, *I think*, and *I believe*. A fact is a piece of true information, for example, a date, an event, or a name. Use facts to support your opinions.

Read. Read this paragraph of fact and opinion. Underline facts that support the opinion.

A Good Idea

120

In my opinion, sticky notes are a great invention. They're a really good idea and they're easy to use. You lift the paper off, write a note, and stick it on your notebook or on your computer. And they come off easily. I think most people like them because they are so useful. Before I started to use sticky notes, I used to forget everything!

I believe that the story of sticky notes is interesting, too. Sticky notes have two inventors. Spencer Silver invented the glue in 1970. It wasn't very strong. So he didn't know how he could use it! Four years later, Arthur Fry found a way to use the glue. One day, all his notes fell on the floor. He wasn't happy! But he remembered Silver's glue! Later, he used the glue on small pieces of paper. It worked! The notes stayed on the paper, and it was easy to remove them. And now we have a cool—and useful—invention!

- **Write.** Describe an invention. Explain how people use it and why you like it. Include facts to support your opinion.
- **20** Work in groups of three. Share your writing. Listen and write.

Invention	How do we use it?	Why does he/she like it?

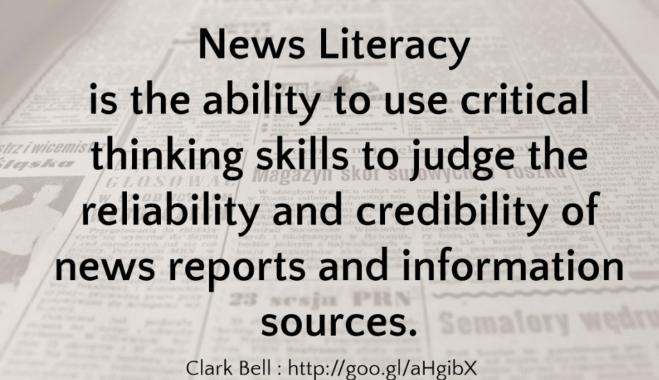
Tip #3:

Enhance critical thinking skills to analyze and interpret information

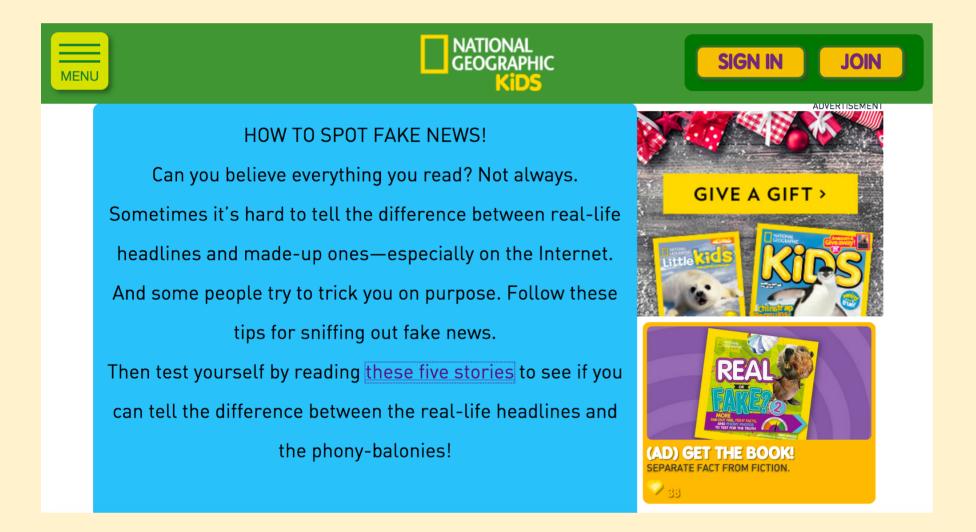
Evaluating information sources

- Who is the author of the information?
- What do we know about the author or organization? Is that person an expert? Is that organization respected by others?
- Why was this information written? Is the author trying to persuade you to buy something?
- Does the information present fact or opinion?
- Is the information recent? When was it published?

Source: http://www.readingrockets.org/article/developing-research-and-information-literacy



How to Detect Fake News



Source: https://kids.nationalgeographic.com/explore/ngk-sneak-peek/april-2017/fake-news/

How to Detect Fake News

Does the story come from a newspaper, magazine, or website you've never heard of?

"Well-known news sources aren't likely to try to fool you," says Eric Carvin, social media editor for the Associated Press. "If you haven't heard of a publication, do some research on how trustworthy they are before you take what they say as fact. Have they been accused of publishing fake news before? Then they may not be reliable."

Is just one newspaper, magazine, or website reporting on the story?

"If a story is real, then many publications will cover it," Carvin says. "Big national stories worth reporting on are usually featured in more than just one or two articles."

Is the story missing key information?

"If no experts or eyewitnesses are mentioned in the article, that's a warning sign," Carvin says. "Most publications try to speak with at least two sources to back up a story."

Text by Kate Boatner

Source: https://kids.nationalgeographic.com/explore/ngk-sneak-peek/april-2017/fake-news/

Project Look Sharp

Here are a few basic questions to consider whenever you and your kids encounter a piece of media:

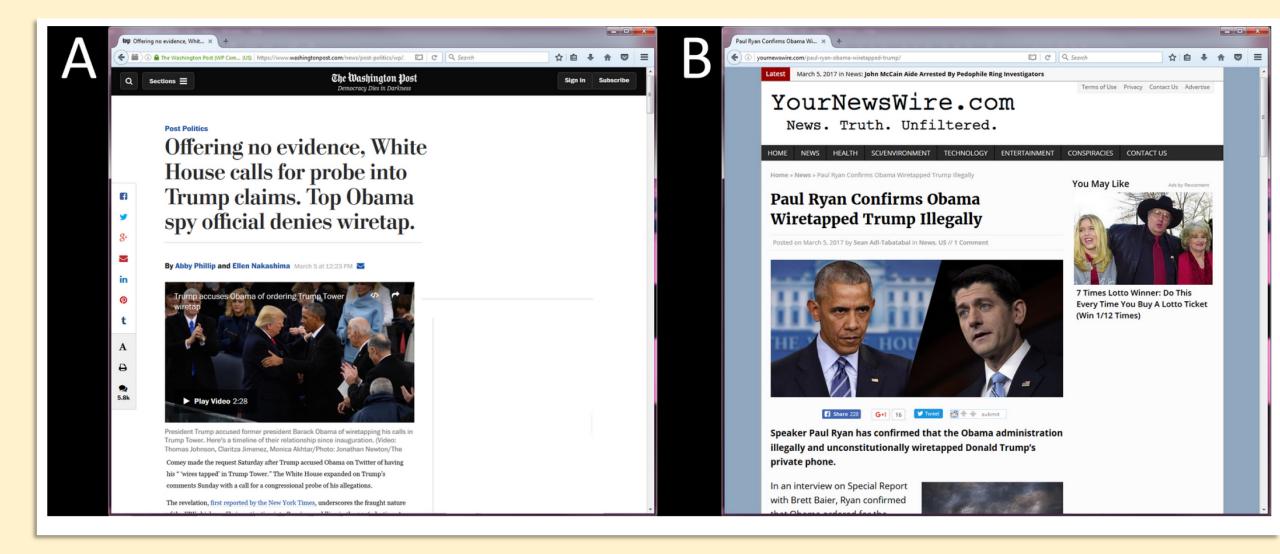
- Who made this?
- Who is the target audience?
- Who paid for this? Or, who gets paid if you click on this?
- Who might benefit or be harmed by this message?
- What is left out of this message that might be important?
- Is this credible (and what makes you think that)?

(Thanks to Project Look Sharp for these questions.)

Source: Project Look Sharp

https://www.projectlooksharp.org/

Which one is Fake News?



HOW TO SPOT FAKE NEWS



CONSIDER THE SOURCE

Click away from the story to investigate the site, its mission and its contact info.



CHECK THE AUTHOR

Do a quick search on the author. Are they credible? Are they real?



CHECK THE DATE

Reposting old news stories doesn't mean they're relevant to current events.



CHECK YOUR BIASES

Consider if your own beliefs could affect your judgement.



Headlines can be outrageous in effort to get clicks. What's the whole story?



SUPPORTING SOURCES?

Click on those links. Determine if the info given actually supports the story.



IS IT A JOKE?

If it is too outlandish, it might be satire. Research the site and author to be sure.

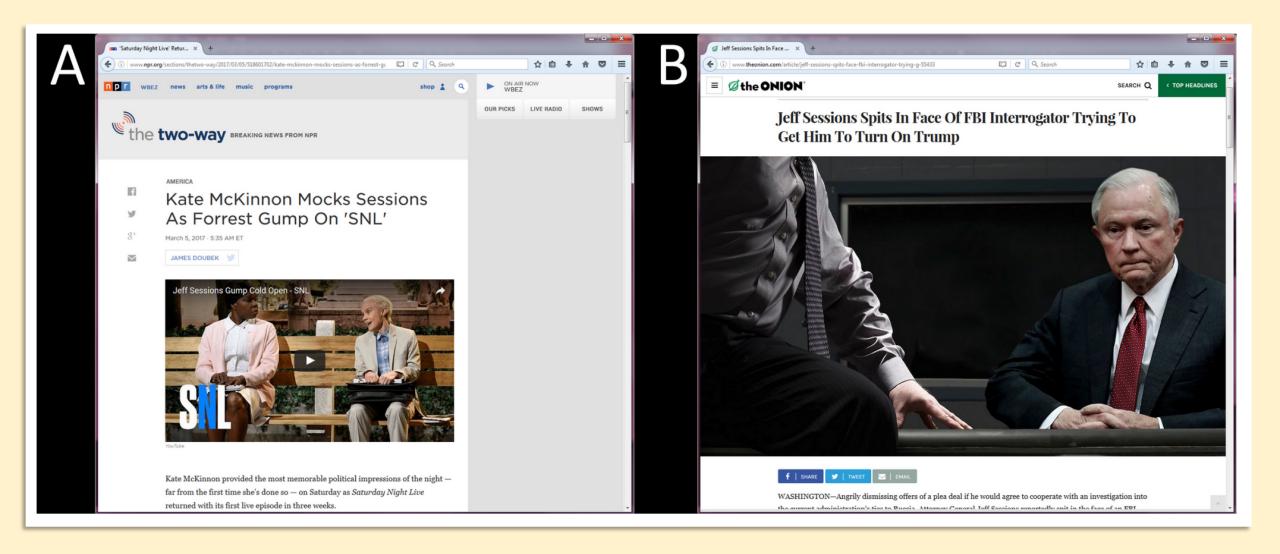


Ask a librarian, or consult a fact-checking site.

Source:

https://www.ifla.org/publications/node/11174

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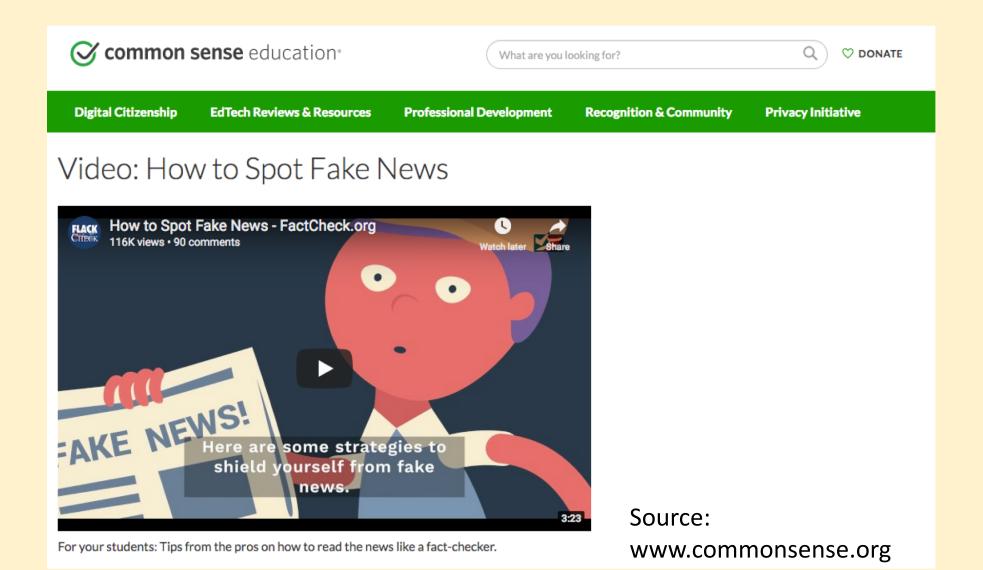


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Source:

https://www.ifla.org/publications/node/11174

How to Spot Fake News – FactCheck.org



Tip #4:

Enhance critical thinking skills to evaluate validity of information

VISUAL LITERACY INQUIRY

- What do you see is the photo?
- Who are the peo in the boats?
- What are they doing?
- Can I find this in country?
- Do we have something simila
- Where do we bu fresh food?



Students think critically about...

- facebook.com/dietpepsi Stew designed by Jonahan Ader
 - y can

- Who is re
- Who is the product to t
- Do you w Why?
- What ted
- Does it u Associati celebrity Time pre
- What do about the

Learning how

to question

site you've never heard of?

editor for the Associated Press. "If you take what they say as fact. Have they been

Source:

https://www.teacherspayte.uct/The-5Ws-of-a-Newspap Student-Activity-Handout-C Posters-1092553

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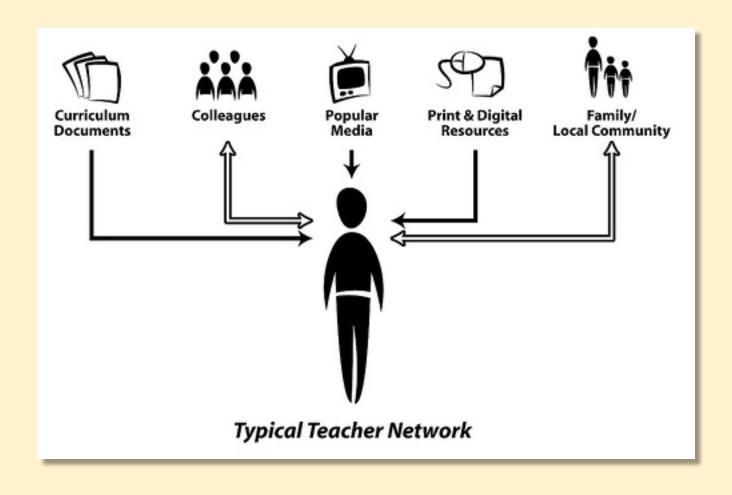
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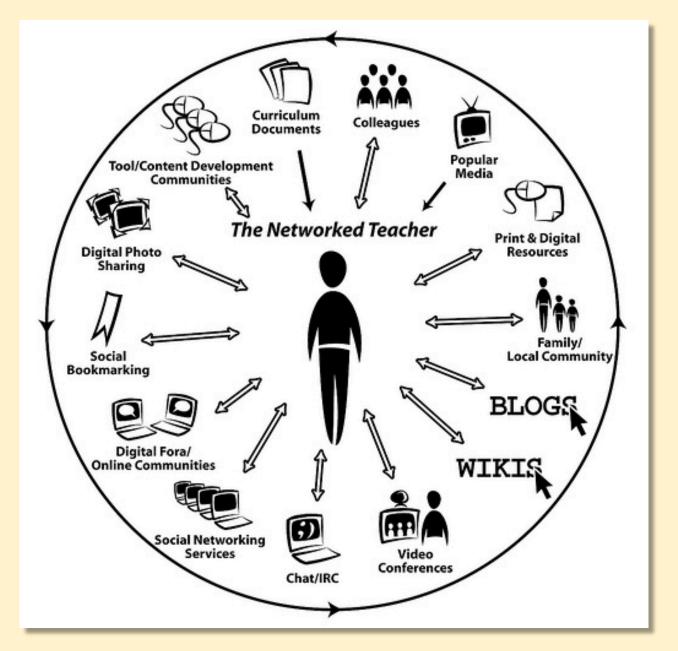
Tip #5:

Enhance your own information literacy skills

Teachers need information literacy skills too!



Alec Couros, University of Regina



Alec Couros, University of Regina

Join my
TEYL
Facebook
group!



www.facebook.com/groups/TEYLjks/

THANK YOU



facebook.com/joankangshin sites.google.com/site/shinjinshil

Webinars Join us! NGL.Cengage.com/webinars

in focus
Follow us!

NGL.Cengage.com/infocus



Bringing the world to the classroom and the classroom to life

NGL.CENGAGE.COM/ELT