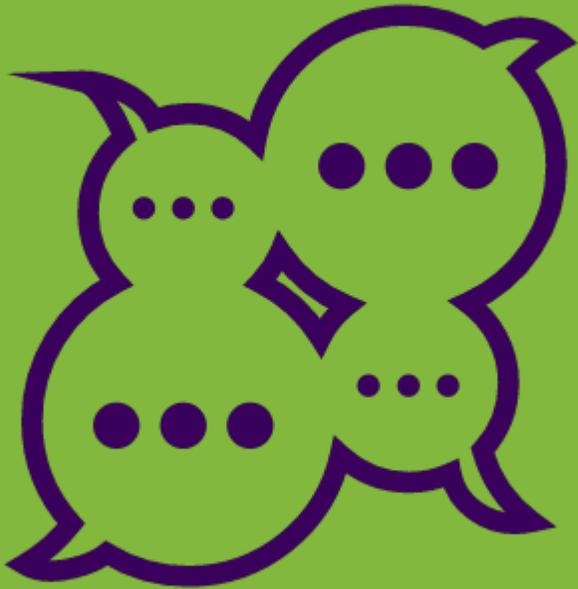


What will we discuss today?



1. A perfect information storm: managing an infodemic in a post-truth society
2. More than fake news: the information ecosystem
3. How info-savvy are we...really?
4. Strategies & resources

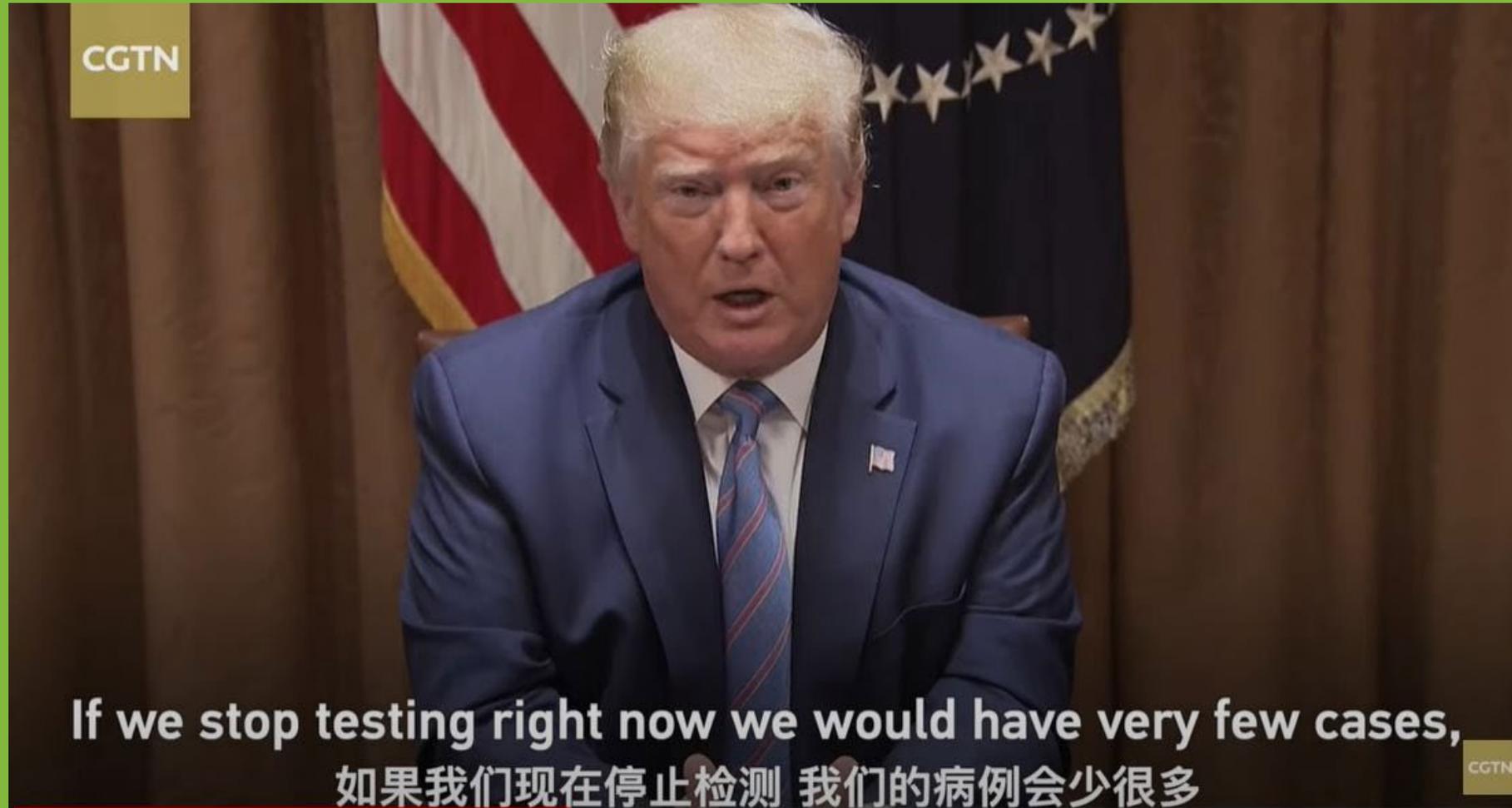
“

Post-truth: the circuitous slippage between facts or alt-facts, knowledge, opinion, belief, and truth.

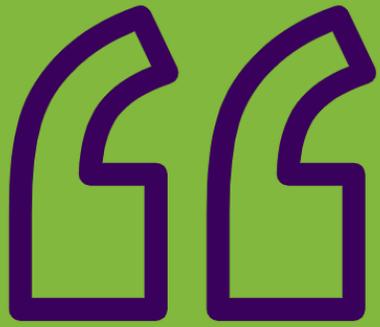
(Biesecker, B. 2018 p.329)

”

Truth is relative, and not necessarily based in fact....



[Trump: If U.S. ends tests, 'we'd have very few cases'](#)



HuffPost
@HuffPost



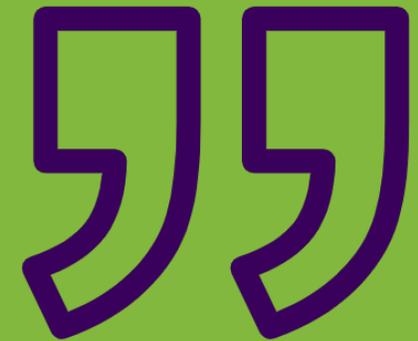
An interview with misinformation expert Claire Wardle on why false information thrives in a pandemic.



How Coronavirus Created The Perfect Conditions For Conspiracy Theories
An interview with misinformation expert Claire Wardle on why false information thrives in a pandemic.

huffpost.com

8:29 AM · Apr 30, 2020



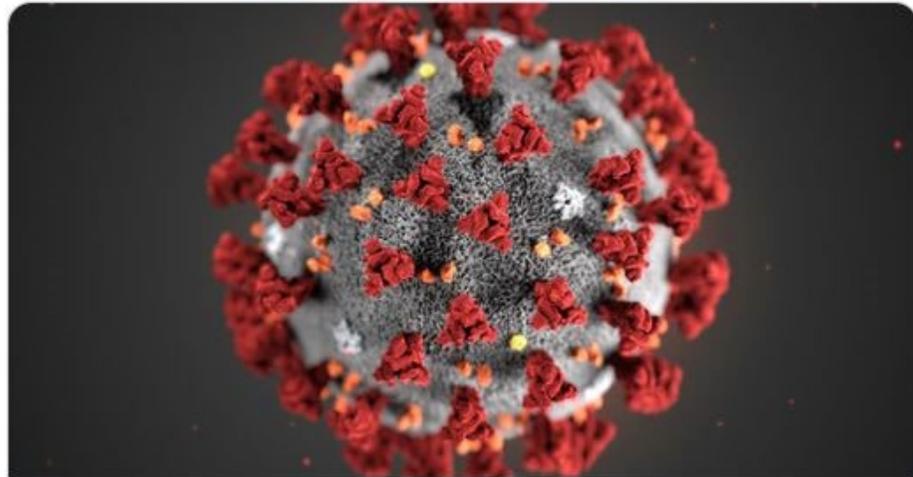


António Guterres ✓
@antonioguterres



Our common enemy is #COVID19, but our enemy is also an “infodemic” of misinformation.

To overcome the #coronavirus, we need to urgently promote facts & science, hope & solidarity over despair & division.



Coronavirus | United Nations

On this website you can find information and guidance from the United Nations regarding the current outbreak of coronavirus disease (COVID-1...

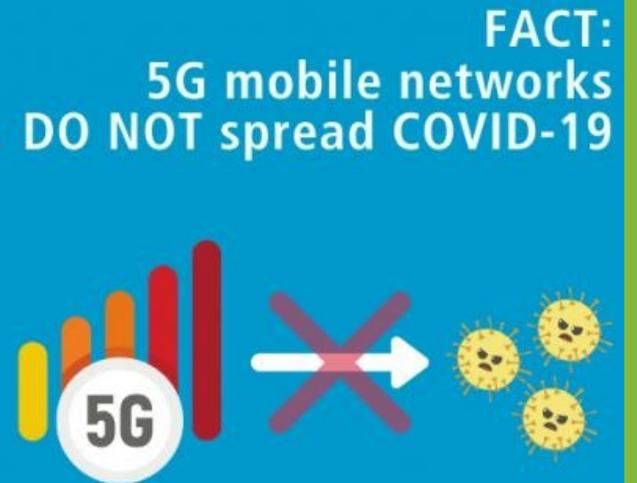
un.org

1:55 PM · Mar 28, 2020



1.6K 925 people are Tweeting about this

Viruses cannot travel on radio waves/mobile networks.
COVID-19 is spreading in many countries that do not have 5G mobile networks.
COVID-19 is spread through respiratory droplets when an infected person coughs, sneezes or speaks.
People can also be infected by touching a contaminated surface and then their eyes, mouth or nose.



#Coronavirus #COVID19

8 April 2020

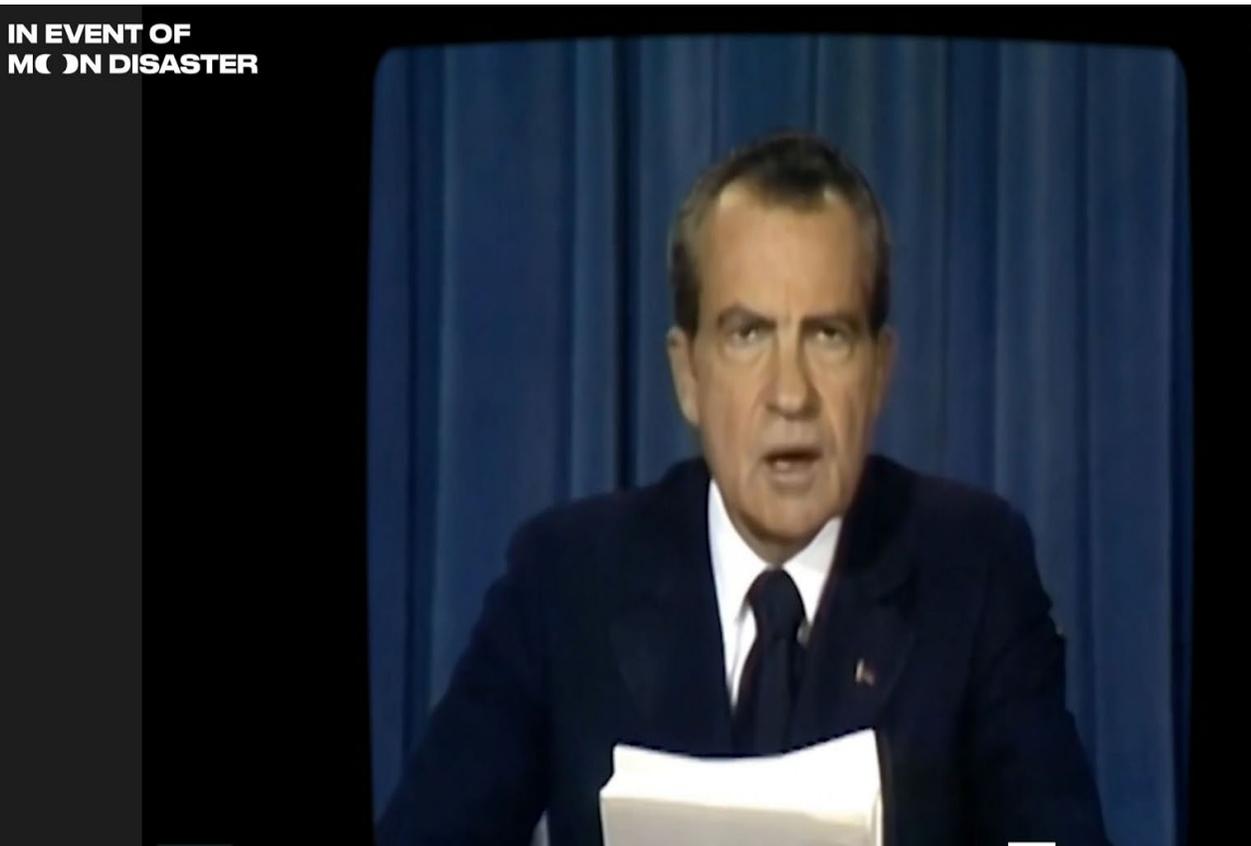
Information access: It's not just about text and photos



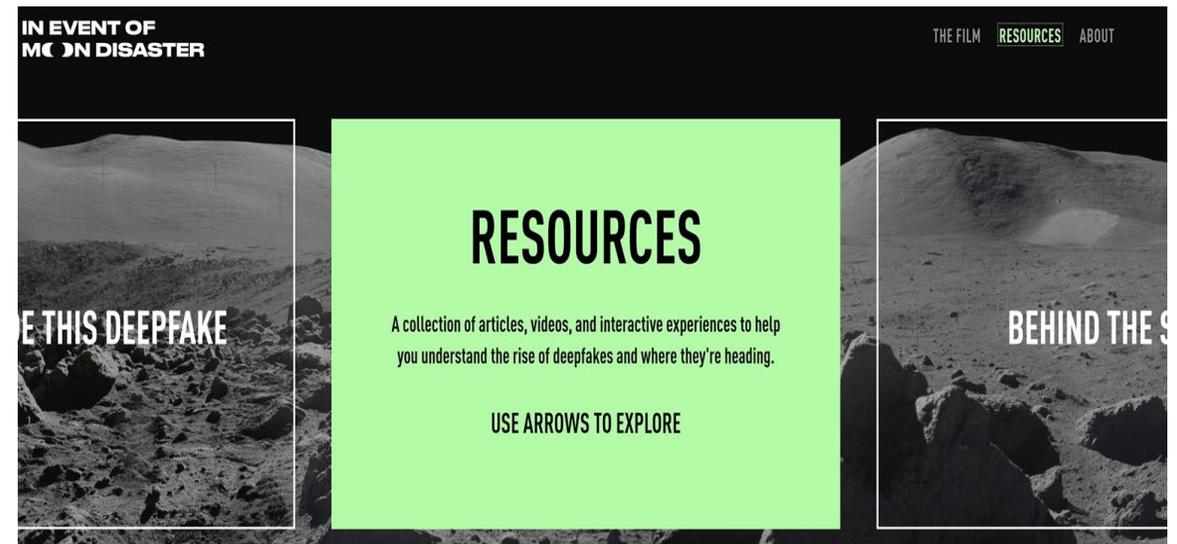
Bloomberg Quicktake (2018) *It's Getting Harder to Spot a Deep Fake Video*, Season 1, Episode 13
<https://www.youtube.com/watch?v=gLoI9hAX9dw>



Re-writing history with AI



<https://moondisaster.org/film>



“

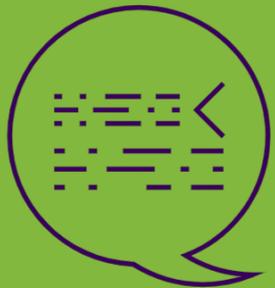
As a consequence of this, even truth will not be believed. The man in front of the tank at Tiananmen Square moved the world. Nixon on the phone cost him his presidency. Images of horror from concentration camps finally moved us into action. If the notion of not believing what you see is under attack, that is a huge problem. One has to restore truth in seeing again.

Nasir Memon, Professor of Computer Science and Engineering,
New York University.

”

Harwell, D. (2019, June 13). Top AI researchers race to detect 'deepfake' videos: 'We are outgunned.' Retrieved June 30, 2020, from <https://www.washingtonpost.com/technology/2019/06/12/top-ai-researchers-race-detect-deepfake-videos-we-are-outgunned/>

Misleading, manipulated messages and conspiracy theories on social media



here's your reminder
100.7K Tweets

here's your reminder
@tinycarebot

please take a break! for a personal reminder, please tweet me! (bot-in-progress by @jonnyusun) (current av: apples, james marion shull, 1912, c/o @pomological)
jomnysun.com Joined November 2016

2 Following 150.9K Followers

Followed by Notjanelane, AJ Betts, and 32 others you follow

- here's your reminder** @tinycarebot · 1h
🙋: please adjust your posture
3 replies 22 retweets 51 likes
- here's your reminder** @tinycarebot · 2h
❤️: text your friends please
2 replies 16 retweets 64 likes
- here's your reminder** @tinycarebot · 3h
👤: please remember to take a little bit of time to look at a plant and rest your eyes
1 reply 17 retweets 68 likes
- here's your reminder** @tinycarebot · 4h
🙋: please don't forget to take a quick break to stretch your arms and legs
16 retweets 39 likes

Nearly Half of the Twitter Accounts Discussing 'Reopening America' May Be Bots

CMU Researchers Say Sophisticated, Orchestrated Bot Campaigns Aim To Sow Divide

Virginia Alvino Young // Wednesday, May 20, 2020 // 

Young, V. A. (2020, May 20). Nearly Half of the Twitter Accounts Discussing "Reopening America" May Be Bots. Retrieved June 30, 2020, from <https://www.scs.cmu.edu/news/nearly-half-twitter-accounts-discussing-reopening-america-may-be-bots>

Misleading, manipulated messages and conspiracy theories on social media



Top Latest People Photos Videos

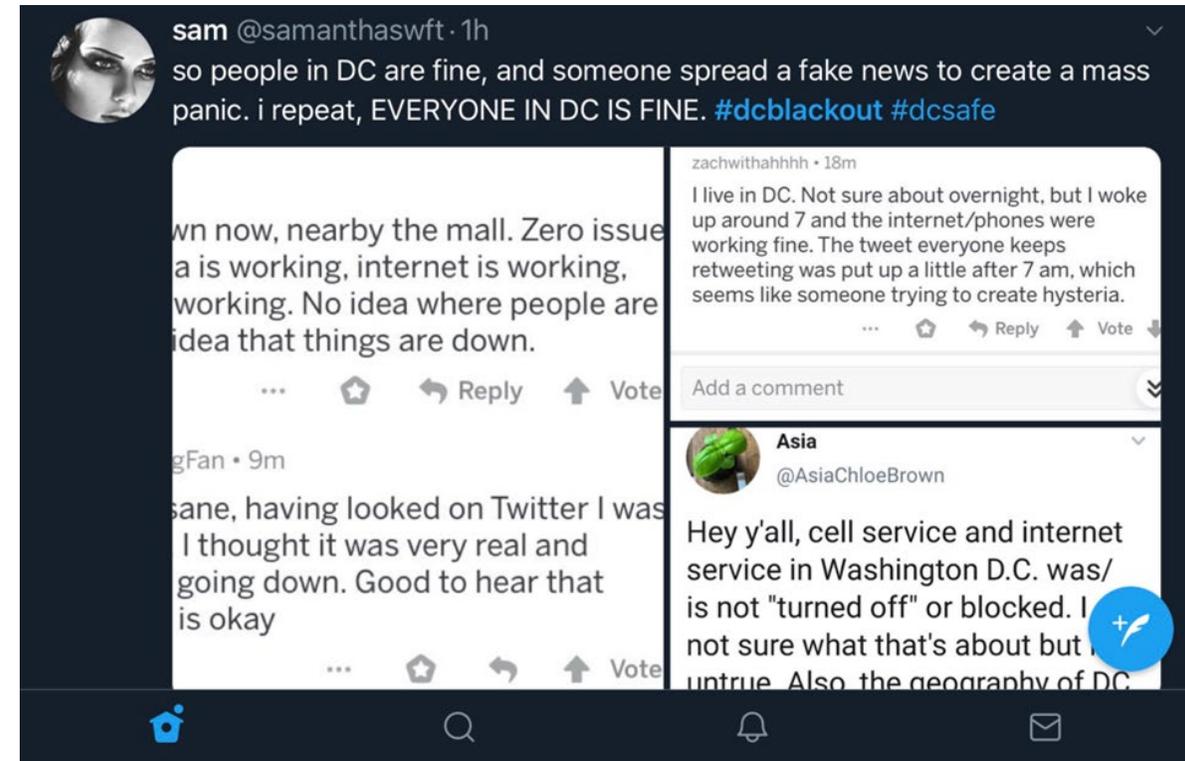
Anonymous @YourAnonCentral · 1h
We are investigating [#DCblackout](#). We suspect it is misinformation spread by a botnet using BLM IDs and KPop / Anime profiles in order to incite panic and confusion. We are now using [#DCsafe](#) to study these accounts.

1,497 18.1K 94.5K

Anonymous @YourAnonCentral · 1h
Okay, so here is what we know: [#DCblackout](#) edition.

- the overall goal of the campaign appears to be to instill panic & fear to deter future protests.
- no evidence that protestors have been killed.
- no evidence of a sustained internet cut off.
- DC people report things are normal.

493 10.6K 43K



sam @samanthaswft · 1h
so people in DC are fine, and someone spread a fake news to create a mass panic. i repeat, EVERYONE IN DC IS FINE. [#dclblackout](#) [#dcsafe](#)

zachwithahhhh · 18m
I live in DC. Not sure about overnight, but I woke up around 7 and the internet/phones were working fine. The tweet everyone keeps retweeting was put up a little after 7 am, which seems like someone trying to create hysteria.

gFan · 9m
sane, having looked on Twitter I was I thought it was very real and going down. Good to hear that is okay

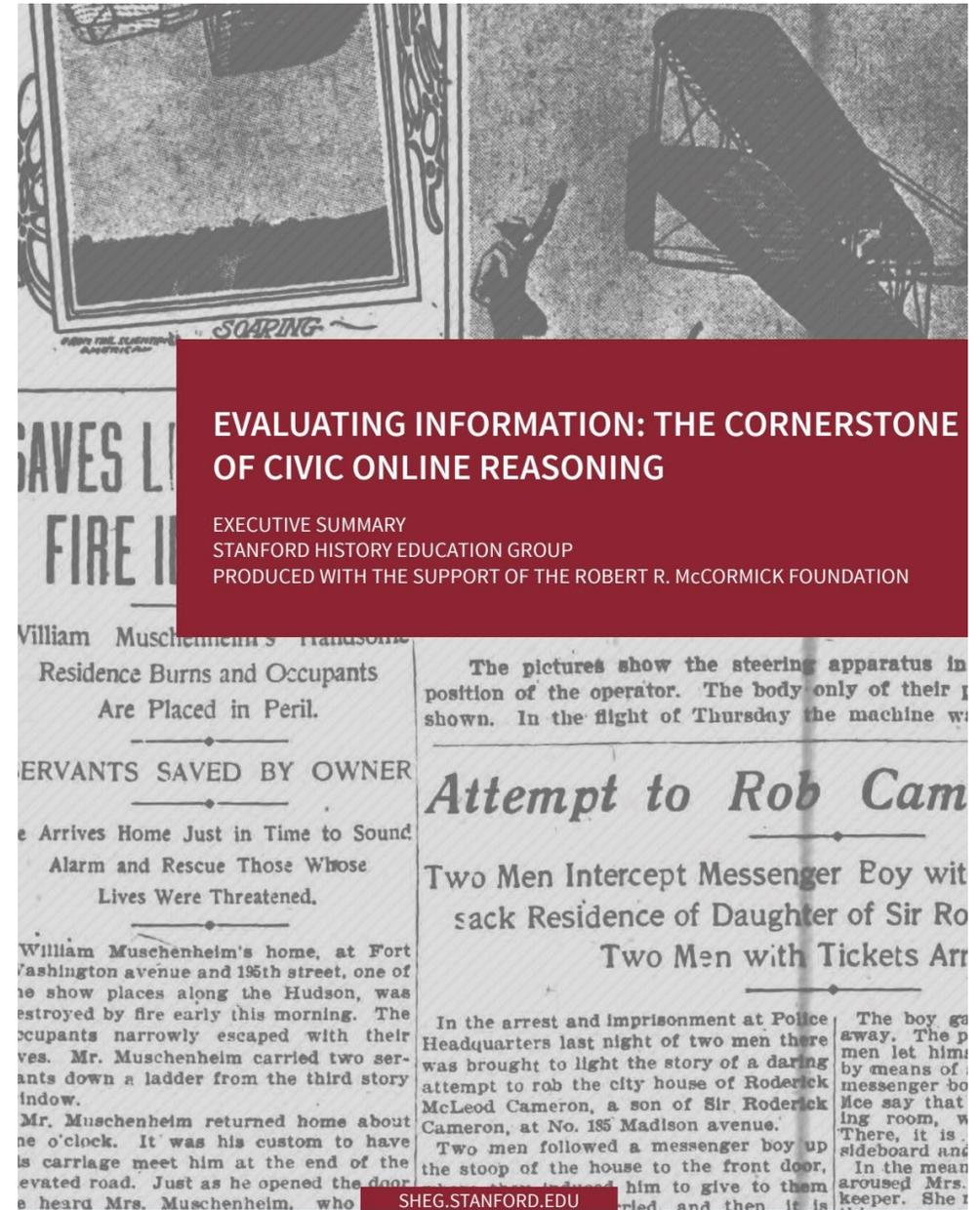
Asia @AsiaChloeBrown
Hey y'all, cell service and internet service in Washington D.C. was/is not "turned off" or blocked. I not sure what that's about but untrue. Also, the geography of DC

#DCBlackout #DCSafe

Evaluating Information: The cornerstone of civic online reasoning

Our kids are on
top of this...

...right?



**EVALUATING INFORMATION: THE CORNERSTONE
OF CIVIC ONLINE REASONING**

EXECUTIVE SUMMARY
STANFORD HISTORY EDUCATION GROUP
PRODUCED WITH THE SUPPORT OF THE ROBERT R. MCCORMICK FOUNDATION

SOARING

WIVES LIVES IN PERIL

SERVANTS SAVED BY OWNER

Attempt to Rob Cameron

Two Men Intercept Messenger Boy with sack Residence of Daughter of Sir Robert Cameron

Two Men with Tickets Arrive

SH.ED.STANFORD.EDU

Evaluating Information: The cornerstone of civic online reasoning

2016

- 7804 students
- middle schools, high schools and 6 universities
- a variety of socio-economic levels
- across 12 states in the US
- 56 tasks testing students' ability to judge the credibility of online information

Wineburg, Sam, McGrew, Sarah, Breakstone, Joel, Ortega, Teresa. (2016). *Evaluating Information: The Cornerstone of Civic Online Reasoning*. Stanford Digital Repository. Available at: <http://purl.stanford.edu/fv751yt5934>

Overall, young people's ability to reason about the information on the Internet can be summed up in one word: **bleak**.

(Wineburg, McGrew, Breakstone and Ortega, 2016 p.4)

“More than 80% of the middle school students assessed believed that the native advertisement, identified by the words *sponsored content*, was a real news story.”

This student argues that this story must be an article because it lacks traditional features of an ad.

There is nothing to suggest that something is sold. No money, deals, etc. It sounds like an article.

This student notices the words “sponsored content” but still argues that it is an article.

It is another article. Even if it's marked “sponsored content,” it is another article.

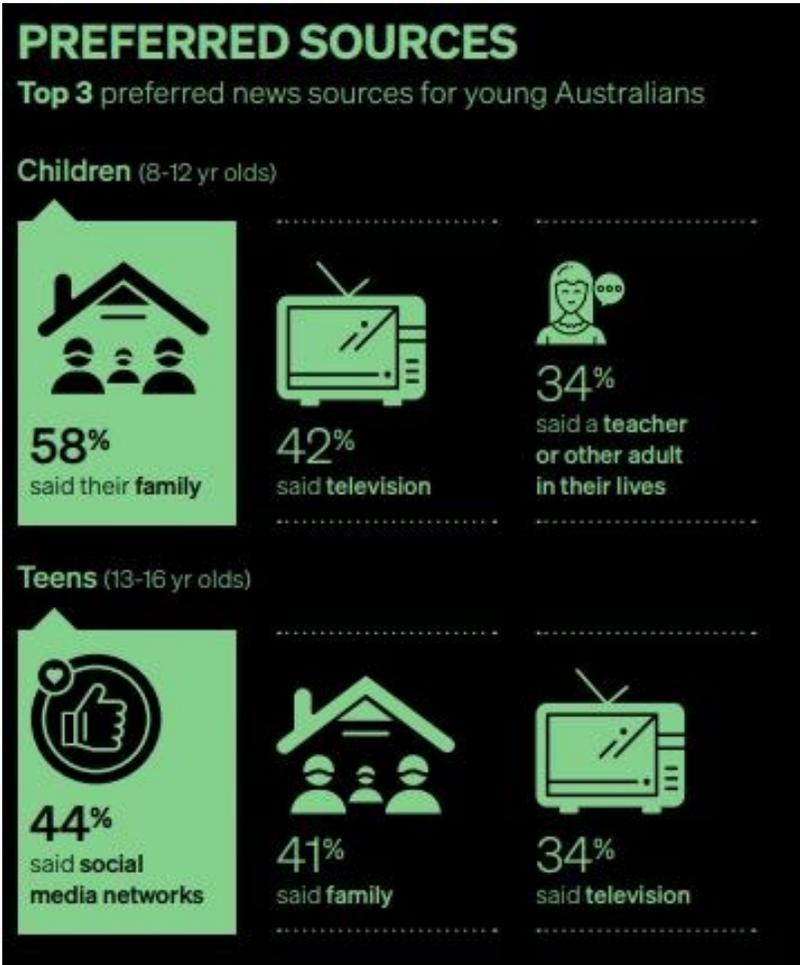
[This work is reproduced under a Creative Commons Attribution-Noncommercial-No Derivative Works 3.0 Unported License](#)

Here is the home page of Slate.com. Some of the things that appear on Slate.com are news stories, and others are advertisements.



The screenshot shows the Slate.com homepage. At the top, there is a banner for 'GOTHAM WRITERS' with a 'SAVE \$20' offer. Below this, there are several article cards. One card is titled 'Should California Stop Growing Almonds?' by Eric Holthaus. Another card is titled 'When Is Cheryl's Birthday?' by Laura Bradley and Marie Lindemann, which is marked as 'SPONSORED CONTENT'. A third card is titled 'The Real Reasons Women Don't Go Into Tech'. On the right side, there is a 'MOST RECENT' section with a list of articles, including 'Forget Steak and Seafood: Here's How Welfare Recipients Actually Spend Their Money' and 'Buckingham Palace Guard Falls Over (Video)'. At the bottom right, there is an advertisement for 'slow watches'.

A little more than half of young Australians say they pay some attention or a lot of attention (53%) to the source of news stories but close to half pay no attention or very little (46%). There is very little difference between teens and children, despite the fact that teenagers get far more news on social media.



Images reproduced with permission

News and Young Australians in 2020

How Young People Access, Perceive and are Affected by News Media

Tanya Notley
Michael Dezuanni
Hua Flora Zhong
Simon Chambers

WESTERN SYDNEY UNIVERSITY
Institute for Culture and Society

QUT Digital Media Research Centre



“this is about more than news, it’s *about the entire information ecosystem.*”

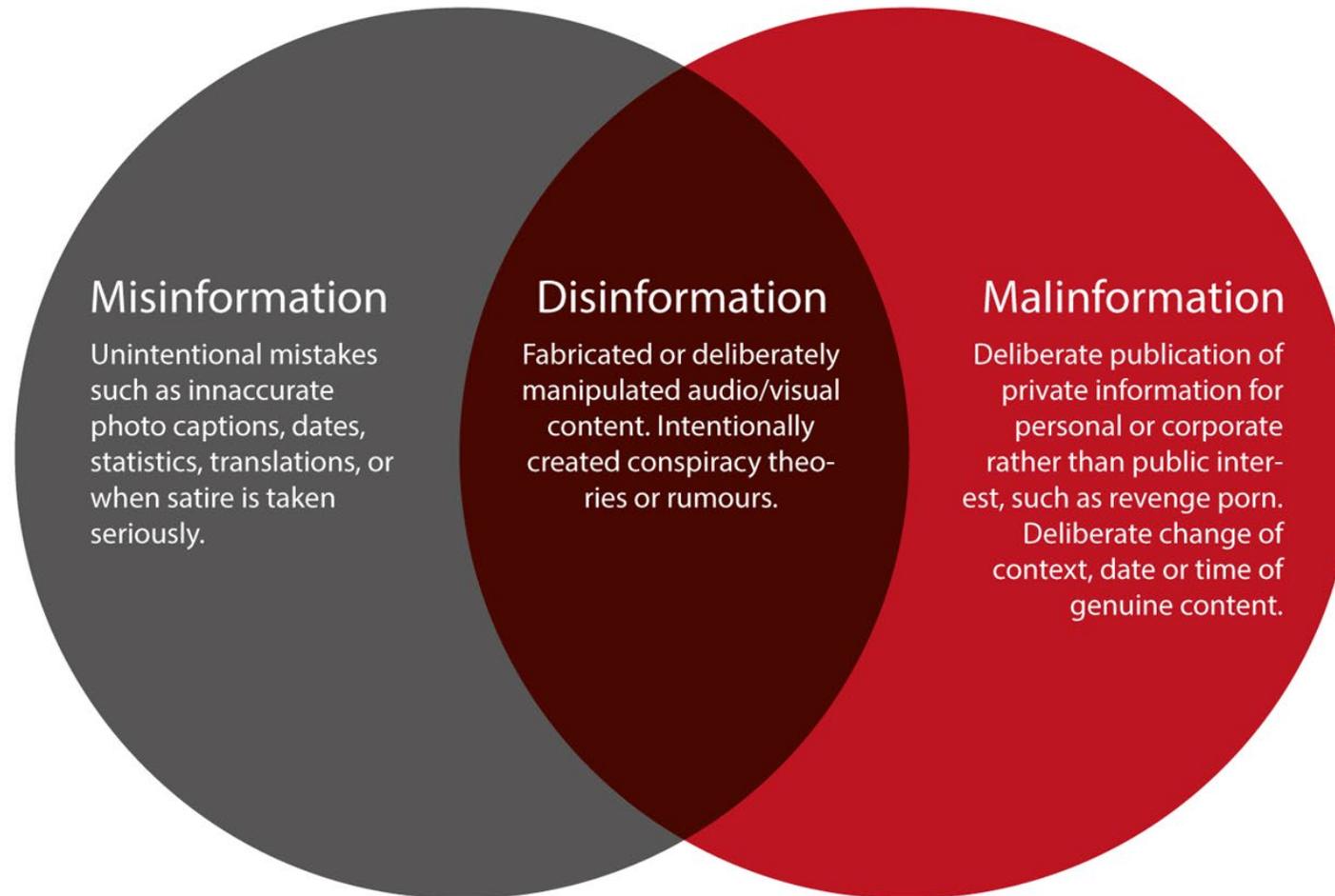
Claire Wardell, First Draft, February 2017

Photo by [Markus Spiske](#) on [Unsplash](#)

TYPES OF INFORMATION DISORDER

FALSENESS

INTENT TO HARM



8 types of dis/misinformation

Claire Wardle (2017) Gruia, M. & Ashby, R. (2019)



Satire or
Parody

Imposter
content

Misleading
content

Fabricated
content

False
connection

Manipulated
content

False
context

Micro-targeted
messaging

1. Satire or parody

Trump Warns That Social Distancing in Schools Would Make It Harder for Students to Cheat Off One Another's Papers

[newyorker.com/humor/borowitz-report/trump-warns-that-social-distancing-in-schools-would-make-it-harder-for-students-to-cheat-off-one-anothers-papers](https://www.newyorker.com/humor/borowitz-report/trump-warns-that-social-distancing-in-schools-would-make-it-harder-for-students-to-cheat-off-one-anothers-papers)



Photograph from Getty

WASHINGTON, D.C. (The Borowitz Report)—Laying out his plans for reopening the nation's schools in the fall, Donald J. Trump expressed concern that social distancing would make it "really hard" for students to cheat off one another's papers.

<https://www.newyorker.com/humor/borowitz-report/trump-warns-that-social-distancing-in-schools-would-make-it-harder-for-students-to-cheat-off-one-anothers-papers>



The Chaser @chaser · Jun 5

World

New Black Mirror season just live stream of real world news



1 35 133

<https://twitter.com/chaser/status/1136223436273987584>

2. Imposter content

This website impersonated a fact-checking outlet to publish fake news stories



(Screenshot from The Wayback Machine)

February 15, 2019 | Daniel Funke

Brazil

Fact Checking

Misinformation

<https://www.poynter.org/fact-checking/2019/this-website-impersonated-a-fact-checking-outlet-to-publish-fake-news-stories/>

SECURITY Google takes aim at imposter websites with new Chrome warning

Because most people don't notice when they're at the wrong website.

BY LAURA HAUTALA | JANUARY 29, 2019 4:53 PM PST

www.paypa1.com

www.mywashingtonpost.com

www.onlineinternetbank.eg.com.au/login

<https://www.cnet.com/news/google-takes-aim-at-potential-imposter-websites-with-new-chrome-warning/>

3. Misleading content

FAST COMPANY

TECH | WORK LIFE | CREATIVITY | IMPACT | AUDIO | VIDEO | NEWS

02.04.19 | WELL TO DO

A shockingly large majority of health news shared on Facebook is fake or misleading



[Photo: rawpixel/Unsplash]

<https://www.fastcompany.com/90301427/a-shockingly-large-majority-of-health-news-shared-on-facebook-is-fake>

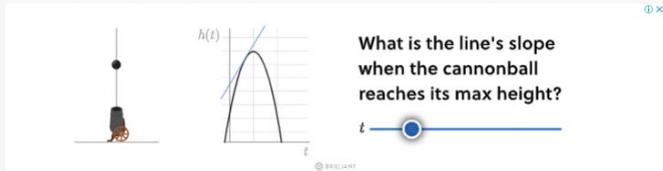
The dangers of a one sided story



<https://www.boredpanda.com/examples-media-truth-manipulation>

The New York Times

SUBSCRIBE NOW Account



What is the line's slope when the cannonball reaches its max height?

Smarter Living

Stories to help you understand the world – and make the most of it.



Should We Be Drinking Less?
Scientists helping to update the latest edition of the Dietary Guidelines for Americans are taking a harder stance on alcohol.
23 ago · By ANWARUDDIN COONWIR

ESSAY
Personal Finance Lessons From the Pandemic
Our writer entered the pandemic believing he was in good shape financially. Now, he says, he has a lot more to do.
34 ago · By PAUL S. BROWN

Missing the Partner You See 24/7
How to feel connected when you have nowhere to go.
July 8, 2020 · By JESSICA GROSE

Thinking of Traveling in the U.S.? These States Have Travel Restrictions

<https://www.nytimes.com/>

4. Fabricated content

Time Columnist Fabricates Viral Trump Quote, Media and Politicians Spread Fake News....

Posted on [May 26, 2019](#) by [sundance](#)

Ian Bremmer is a professor at New York University; a columnist with Time Magazine and has [428,000 Twitter followers](#). Earlier today he fabricated a Trump quote out of thin air, and thousands of followers and politicians instantly shared it:

<https://www.snopes.com/fact-check/trump-quote-kim-jong-un-biden/>

<https://theconservativetreehouse.com/2019/05/26/time-columnist-fabricates-viral-trump-quote-media-and-politicians-spread-fake-news/>

UPDATE: [@ianbremmer](#) has now admitted that he fabricated this viral Trump quote. And yet it is being shared by journalists and congressmen as if it is real.



5. False connection

The New York Times

***People Are Taking Emotional
Support Animals Everywhere.
States Are Cracking Down.***

More Americans are saying they need a variety of animals — dogs, ducks, even insects — for their mental health. But critics say many are really just pets that do not merit special status.



<https://www.nytimes.com/2019/06/18/us/emotional-support-animal.html>

6. Manipulated content

WHO even thinks about creating something like this?!?!?!????



2:13 AM - 14 Jun 2019

132,937 Retweets 420,409 Likes

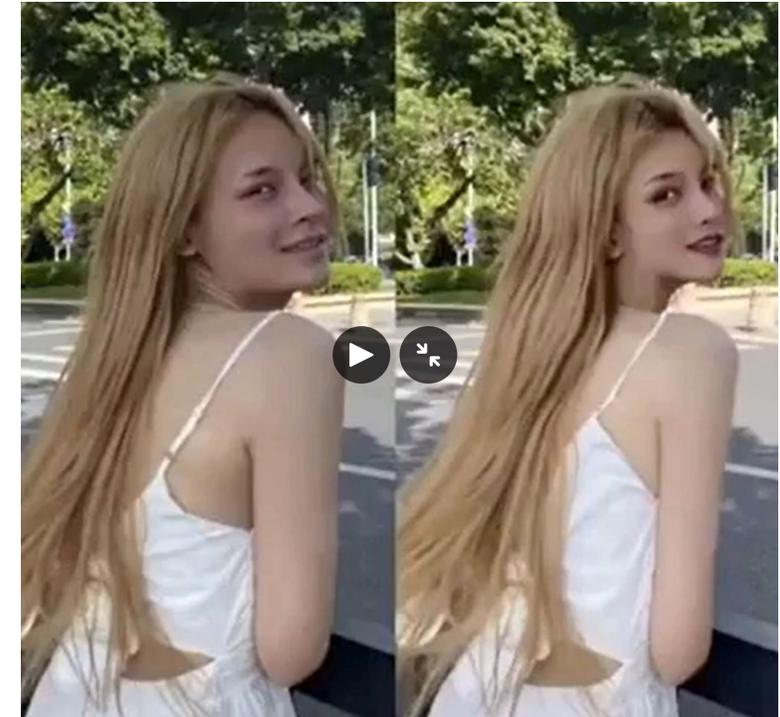


12K 133K 420K

<https://twitter.com/itsnotdweena/status/1139204212762578945>



<https://www.snopes.com/fact-check/storm-over-sydney/>



https://www.reddit.com/r/Instagramreality/comments/hu2wpX/girl_shows_how_easy_it_is_to_edit_photos/?ref=share&ref_source=link

7. False context

SAYEH KELLY
@SHADOWAEMEH

Hyde park this morning, the eco worriers #ExtinctionRebellion have left their plastic rubbish scattered across the park, so much care and concern for the earth is quite touching really!!



11:50 AM - 21 Apr 2019

744 Retweets 989 Likes

Tuffer
@TufferB

Absolutely shocking scenes from Hyde Park and the rubbish left behind by the #ExtinctionRebellion campaigners.



1:40 PM - 21 Apr 2019

17 Retweets 49 Likes

Extinction Rebellion
@ExtinctionR

Replying to @GeeBee2166 @CarolineLucas and 3 others

This is from a totally separate event that took place in Hyde park. #ExtinctionRebellion activists went to help tidy up anyway because it grossed us out as much as it does you.

7:22 AM - 22 Apr 2019

12 Retweets 143 Likes



3 12 143

<https://www.snopes.com/fact-check/protesters-hyde-park-rubbish/>

8. Micro-targeted messaging

 **Australian Labor Party**
Sponsored

The Morrison Liberal Government voted eight times to cut penalty rates, cutting the take-home pay of hundreds of thousands of Australians.

At a time when corporate profits are growing five times faster than wages, Labor will act to deliver a living wage for Australia's low-paid workers.

Sign the petition below to stand with us and demand a living wage.



Sign the petition.
Demand a living wage.

[Learn More](#)

<https://theconversation.com/facebook-videos-targeted-texts-and-clive-palmer-memes-how-digital-advertising-is-shaping-this-election-campaign-115629>



Information

Dis/Mis-information

Why did you come to this decision?

What strategies would you use to check the credibility of this post?

How confident are you in your assessment?

1 ————— 10
Not confident Very confident

Information

Dis/Mis-information –
False context



This photo was first published in 2008 on <https://inhabitat.com/spiffy-backpack-traps-bovine-gas/> - in an article about an experiment conducted by scientists at Argentina's National Institute for Agricultural Technology – aiming to measure, not reduce methane gas emissions.

<https://www.truthorfiction.com/are-cow-fart-bags-being-used-to-fight-climate-10-change/>



Information

Dis/Mis-information

Why did you come to this decision?

What strategies would you use to check the credibility of this post?

How confident are you in your assessment?

1 ————— 10
Not confident Very confident

Information

Dis/Mis-information



The 'headless chicken monster' was only seen prior to this discovery in the Gulf of Mexico. Scientists made the discovery while using new underwater camera technology as part of a project of Australia's Department of the Environment and Energy to aid commercial fishery monitoring.

<https://www.snopes.com/fact-check/headless-chicken-deep-sea/>





Information

Dis/Mis-information

Why did you come to this decision?

What strategies would you use to check the credibility of this post?

How confident are you in your assessment?

1 ————— 10
Not confident Very confident

Information

Dis/Mis-information –
Misleading content



“Although page owners commented several days after it was posted to admit that the image did not show an ailing puppy, that message was buried in the many comments and not prominently displayed on the original post.

Because of this, the page was able to continue racking up and benefiting from likes, shares, and comments as the dishonest post made its way around Facebook.”

From <https://www.truthorfiction.com/is-facebook-donating-1-for-every-share-towards-a-puppys-tumor/>

Strategies! Resources!

School libraries and qualified library staff are essential to support teachers and students navigating this constantly changing information ecosystem.



Reading between the lines: Critical Online Evaluation

5 sections • 54 Pins • 204 followers

Invite

Useful resources



Whole School Approaches/Fra...



Share resources, create connect...

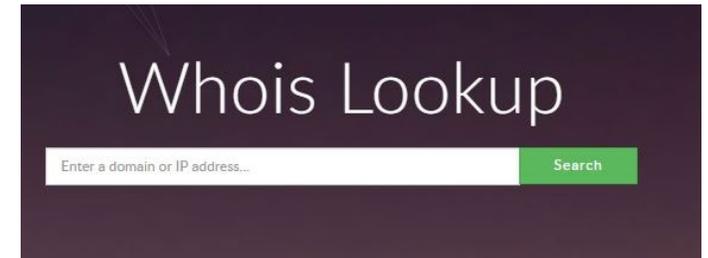


Make it visible



Tools of the Trade

FIRST DRAFT



Urban Legends

Do you know if Niagara Falls can freeze or whether sewer monsters really exist? Can you tell a photoshopped image from the original? Debunk urban legends, fake news sites, and internet hoaxes here.



1. Adapt and implement a whole school approach to information and critical literacy

Why?

- Shared language
- Consolidate over time
- Embed across curriculum

How?

- Don't re-invent the wheel!
- Remix currently existing frameworks
- Leverage 'birds' eye view' of curriculum (Lupton, 2014)

Reading between the lines: Critical Online Evaluation Whole School Approaches/Frameworks

8 Pins

Your Pins

More ideas



Organize

News and
Media Literacy
Toolkit



Kathy Schrock's
Guide to Everything



Critical Evaluation
of Information

EVALUATING
SOURCES
BROUGHT TO YOU BY:
WESTERN
LIBRARIES

The CRAAP Test - Evaluating
Sources - Research...

by Western University

2. Get the whole school community on board

Why?

- Education for everyone
- Home support important

How?

- Newsletter articles
- Social media messaging
- Workshops and professional learning

Reading between the lines: Critical Online Evaluation Useful resources

11 Pins

Your Pins

More ideas



Organize



Help Your Students Spot False News



12 Examples of Native Ads (And Why They Work)



BuzzFeed: The top 10 examples of BuzzFeed doing...

3. Share resources and create connections

Why?

- It's easier when we work together
- Draw upon a larger bank of resources/ideas

How?

- Engage with your PLN
- Create curated collections & share
- Raise as a focus topic for network/cluster meetings

Reading between the lines: Critical Online Evaluation Share resources, create connections

6 Pins

Your Pins

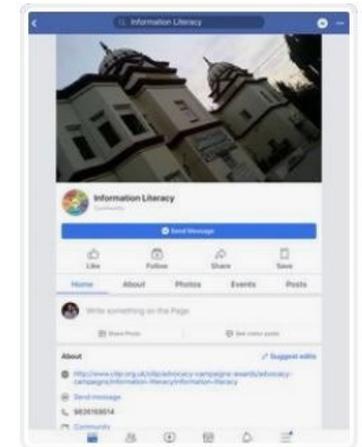
More ideas



Organize



First Draft (@firstdraftnews) | Twitter



Information literacy community

4. Model good practice

Why?

- Embeds as a part of the 'everyday'
- Raises awareness
- Scaffolds metalanguage

How?

- Think 'out loud'
- Become aware of own biases
- Refine our own skills
- Share when 'caught'

Reading between the lines: Critical Online Evaluation Model good practice - tools of the trade

10 Pins

Your Pins

More ideas



Organize



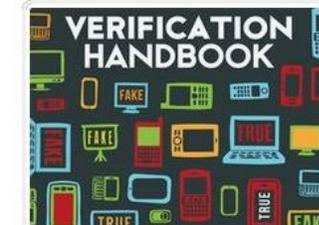
Urban Legends



Florida Gun, Mental Health Laws
Couldn't Have...



Hoax-Slayer -



5. Make it visible

Why?

- Raises awareness
- Promotes discussion

How?

- Create/remix/ procure posters, bookmarks, 'marketing collateral'
- Create/remix/reuse digital artefacts for screens, social media.

Reading between the lines: Critical Online Evaluation Make it visible

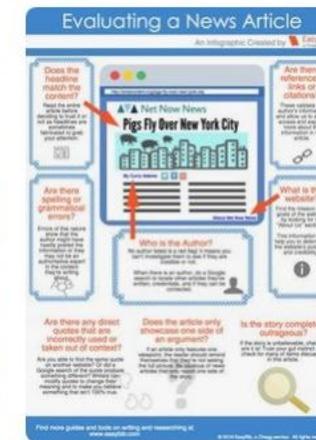
8 Pins

Your Pins More ideas

Organize



Flyers - Google Drive



edublogs on



Good one! How to spot FAKE news ? Be smart and...



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Wardle, C. (2017). *Fake news. It's Complicated*. Retrieved from <https://firstdraftnews.org/fake-news-complicated/>

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Questions? Comments?



Thank you!

Dr Kay Oddone
@kayoddone

www.linkinglearning.com.au Pinterest Board : <https://pin.it/5KUnO0A>