

# DIGITAL LITERACY LEARNING STATIONS

## WHAT?

Learning stations on the topic of digital literacy (safety and privacy, media literacy, fake news, deepfakes, emojis and digital empathy) for upper-primary and lower-secondary students.

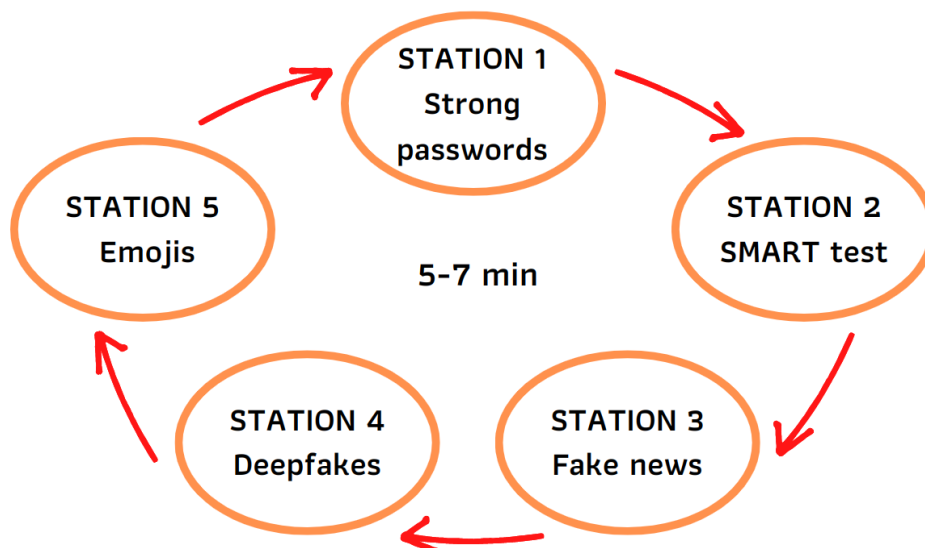
## WHY?

To check the students' understanding of digital literacy with the focus on digital security, media and information literacy, and digital emotional intelligence.

## HOW?

Rearrange the classroom so that there are 5 separate learning stations with provided materials (Stations 1-5). Divide the students into 5 pairs or 5 groups of 3-4 students. Each group is situated at the specific learning station and given the students' worksheet (Let's test your digital literacy skills!), as well as a tablet or mobile phone with a QR code reader. This activity is timed, so when the time starts the students work together to answer all the questions on their learning stations correctly. After 5-7 minutes (depending on the level of the students), the groups switch their places and move to the different learning stations. After all groups go through all the stations, check and discuss the answers with the class.

**Duration:** 45-60 min



## ANSWER KEY

### Station 1: Strong passwords

- 1) Students' answers.
- 2) penguin, elephant, puma
- 3) Students' answers, e.g. G1r@ffe, P@nd@

### Station 2: SMART test

- 4) Students' answers.\*
- 5) The website and its articles are NOT reliable sources of information.\*  
Students' answers, e.g. the source is unclear, there are some questionable facts, some newscasts reported about the same topic, but they don't seem reliable, etc.

### Station 3: Fake news

- 6) Fake.\*  
Students' answers based on reverse image search with TinEye Reverse Image Search, Google Image Search or Microsoft Bing Visual Search.
- 7) Fake.\*  
Students' answers, e.g. the source doesn't seem reliable, we don't know who the author is, other websites are not reporting it, etc.

### Station 4: Deepfakes

- 8) a) A      b) B  
Students' answers, e.g. straight hair looks like paint, background is a bit blurry, messy hair, non-stereotypical gender presentation, etc.
- 9) B  
Students' answers, e.g. unnatural eye movement or facial expressions (unnatural blinking or no blinking, mouth movement), unnatural colouring (shifts in skin tone, lightning, background), the picture and sound are not in perfect sync, etc.

### Station 5: Emojis

- 10) Old Town Road (by Lil Nas X feat. Billy Ray Cyrus)
- 11) Global warming
- 12) a) Brexit  
b) Australian bushfires  
c) Coronavirus pandemic  
d) Prince Harry and Meghan step back from royal duties and plan to move to Canada

## \*TEACHER TIPS & TRICKS



Is your source SMART?

### SMART test - Is your source SMART?

Source: Who or what is the source?

Motive: Do they have a motive?

Authority: Who wrote the story? (author's credentials)

Review: Is it consistent and logical?

Two-source Test: Are others reporting it?

Source	
Motive	
Authority	
Review	
Two-source Test	

# HOW TO SPOT FAKE NEWS



### CONSIDER THE SOURCE

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



### READ BEYOND

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



### CHECK THE AUTHOR

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



### SUPPORTING SOURCES?

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



### CHECK THE DATE

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



### IS IT A JOKE?

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



### CHECK YOUR BIASES

Consider if your own beliefs could affect your judgement.



### ASK THE EXPERTS

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

**IFLA**  
International Federation of Library Associations and Institutions  
with thanks to www.Factcheck.org

*International Federation of Library Associations and Institutions (IFLA), 2017*

*[ created by Adrijana Roždijevac, English language teacher ]*

**The Pacific Northwest tree octopus** is a 1998 Internet hoax created by a humor writer under the pseudonym Lyle Zapato. Since its creation, the Pacific Northwest tree octopus website has been commonly referenced in Internet literacy classes in schools and has been used in multiple studies demonstrating children's gullibility regarding online sources of information.

<https://zapatopi.net/treeoctopus/>



**What happened to a rainforest over the course of 10 years** - This photo collage became a hit thanks to the popular #10YearChallenge and many websites wrote about it. The picture is accompanied by text that says that every year, 46,000 to 58,000 square miles of forest are lost to deforestation. The photo looks real, especially because of the World Wildlife Fund logo in the right corner. But in fact, this is not a collage of 2 pictures taken 10 years apart, it is one picture from a photo stock that shows Malaysia where the rainforest was removed to increase the territory for growing palm trees.



**The Onion** is an American digital media company and newspaper organization that publishes satirical articles on international, national, and local news. The Onion's articles cover current events, both real and fictional, parodying the tone and format of traditional news organizations with stories, editorials, and man-on-the-street interviews using a traditional news website layout and an editorial voice modeled after that of the Associated Press.

[www.theonion.com](http://www.theonion.com)



[ created by Adrijana Roždijevac, English language teacher ]



Team: \_\_\_\_\_

## Let's test your digital literacy skills!

### Station 1: Strong passwords

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_

### Station 2: SMART test

4)



### Is your source SMART?

<b>S</b> ource	
<b>M</b> otive	
<b>A</b> uthority	
<b>R</b> everview	
<b>T</b> wo-source Test	

- 5) \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

### Station 3: Fake news

- 6) \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

7) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

#### Station 4: Deepfakes

8) a) \_\_\_\_\_ b) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

9) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

#### Station 5: Emojis

10) \_\_\_\_\_

11) \_\_\_\_\_

12)  
a) \_\_\_\_\_  
b) \_\_\_\_\_  
c) \_\_\_\_\_  
d) \_\_\_\_\_

## STATION 1: STRONG PASSWORDS

1) Create a strong and memorable password using the criteria below.

### Strong passwords



- at least 12 characters
- numbers [not birthday, phone or ID]
- special characters: \$%&\*!@
- UPPER and lowercase letters
- do not use a dictionary word
- use a passphrase: 1LOveb@byg1r@ffes

2) Guess the names of the animals behind these passwords.

P3n6uln


LF@nt

p00m@

3) Create your own strong passwords using the names of two other animals.

## STATION 2: SMART TEST

4) Study the following website and evaluate it using the SMART test.



### CEPHALONEWS

2022-11-01 A Map Of The Octopus Visual System (ScienceAlert)  
A valiant effort to map the optic lobe of the octopus brain, cell by cell, has revealed a visual system with remarkable similarities and differences to our own.

2022-10-26 New Research Shows How Octopuses May Have Evolved (phys.org)  
*Argonauta argo*, a type of octopus, appears to have evolved independently to develop something resembling a shell, despite having lost the genetic code that produced actual shells in its ancestors and relatives.

2022-09-29 How to Hunt Like an Octopus (NY Times)  
High-speed video recordings reveal that the cephalopod's eight arms aren't moving randomly when they go in for the kill.

» Older news...

More cephalonews at:

Help Save The **ENDANGERED**


# PACIFIC NORTHWEST TREE OCTOPUS

From **EXTINCTION!**

About | HELP! | FAQs | Sightings | Media | Activities | Links

## THE PACIFIC NORTHWEST TREE OCTOPUS

The Pacific Northwest tree octopus (*Octopus paxarboris*) can be found in the temperate rainforests of the Olympic Peninsula on the west coast of North America. Their habitat lies on the Eastern side of the Olympic mountain range, adjacent to Hood Canal. These solitary cephalopods reach an average size (measured from arm-tip to mantle-tip,) of 30-33 cm. Unlike most other cephalopods, tree octopuses are amphibious, spending only their early life and the period of their mating season in their ancestral aquatic environment. Because of the moistness of the rainforests and specialized skin adaptations, they are able to keep from becoming desiccated for prolonged periods of time, but given the chance they would prefer resting in pooled water.



Rare photo of the elusive tree octopus (Enhanced from cropped telephoto)

An intelligent and inquisitive being (it has the largest brain-to-body ratio for any mollusk), the tree octopus explores its arboreal world by both touch and sight. Adaptations its ancestors originally evolved in the three dimensional environment of the sea have been put to good use in the spatially complex maze of the coniferous Olympic rainforests. The challenges and richness of this environment (and the intimate way in which it interacts with it,) may account for the tree octopus's advanced behavioral development. (Some evolutionary theorists suppose that "arboreal adaptation" is what laid the groundwork in primates for the evolution of the human mind.)

Reaching out with one of her eight arms, each covered in sensitive suckers, a tree octopus might grab a branch to pull herself along in a form of locomotion called tentaculation; or she might be preparing to strike at an insect or small vertebrate, such as a frog or rodent, or steal an egg from a bird's nest; or she might even be examining some object that caught her fancy, instinctively desiring to manipulate it with her dexterous limbs (really deserving the title "sensory organs" more than mere "limbs".) in order to better know it.



Is your source SMART?

Source	
Motive	
Authority	
Review	
Two-source Test	

5) Do you think the website and its articles are reliable sources of information? Why?/Why not?

## STATION 3: FAKE NEWS

6) Is this image real or fake?

Use reverse image search (e.g. TinEye)  
to justify your answer.

*What happened to a rainforest over the course of 10 years*  
*#10YearChallenge*

7) Is this news article real or fake? Why?  
Do the SMART test to help you decide.



### Music Historians Uncover Evidence Of 18th-Century Viennese Boy Band Mozart Fronted Before Leaving To Pursue Solo Career

| Published August 5, 2019



Oil painting of the teen chamber music phenomenon known as Ůmlaut.



**SALZBURG, AUSTRIA**—In a discovery certain to renew interest in the beloved composer's legacy, music historians said Monday they have found evidence that before leaving to pursue his solo career, Wolfgang Amadeus Mozart fronted an ultra-popular Viennese boy band.

According to the International Mozarteum Foundation, which came into possession of a recently unearthed collection of journals, personal keepsakes, and a sultry oil painting in which the band appears shirtless, Mozart was once the face of a teen chamber music phenomenon known as Ůmlaut. With their signature beribboned hair, fur-lined greatcoats, and frilly, unbuttoned frocks, evidence suggests the group's five members were recognized as sex symbols throughout the Holy Roman Empire of the early 1770s.



SCAN ME



## STATION 4: DEEPPAKES

8) Which images of people are fake? How can you tell?

- a)

- b)



9) Which video of Donald Trump's speech is fake? How can you tell?

A



B



## STATION 5: EMOJIS

10) Guess the title of the song?



11) Guess the topic based on the emojis?

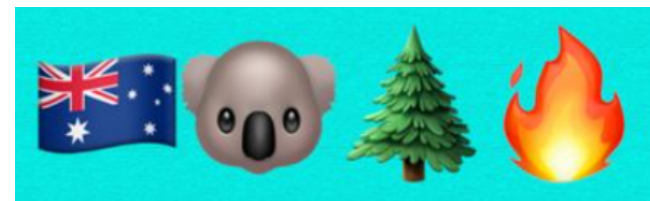


12) Guess the big news stories of 2019-2020?

a)



b)



c)



d)

