

Funded by the European Union



On-line workshop for involved teachers

9th of November 2022 (15:45 – 18:00)

Promoting ACTIVE and Responsible Citizenship in Schools

Empower pupils to enable them act as active and responsible agents in democratic society

















Agenda of the workshop

- Sharing experience from the class
- Discussing issues and support needed
- Module 0 practical example
- Fact-checking limitations
- Example for Activity 1
- Example for Activity 2

Prepared for 2. workshop (prepared but can be presented if asked for and/or time allows it)

- Example 1 for Activity 3
- Example 2 for Activity 3
- Evidence how to examine it (for Activity 4)





Sharing experience from the class

- Have you already tried in the class? What activities have you done?
 - TOPICS / PROCEDURE / STUDENTS INVOLVEMENT
 - How did that go?
 - Any questions about the process/topics?
- Are you still hesitating?
 - What support do you need?
- Any other issues & questions?
 - About the methodology and/or activities?
 - Implementation in the class





Module 0

General understanding





Module 0

EXAMPLE to understand objectivity, data, facts, evidence, definition...

Objectivity, data, facts, evidence, definition...

Case: Was Edi at the workshop in Pesaro?







Module 0

EXAMPLE to understand objectivity, data, facts, evidence, definition...

Objectivity, data, facts, evidence, definition, experience...

Case: Was Edi at the workshop in Pesaro?

Do we "objectively" ("for fact") know he was here?

What is the answer?







Module 0

EXAMPLE to understand objectivity, data, facts, evidence, definition...

Objectivity, data, facts, evidence, definition...

Case: Was Edi at the workshop in Pesaro?

What is the answer?

OK for **those involved**:

- they saw him there

For those **NOT involved**:

- do we have any evidence?
- what kind of evidence?

What is actually the difference?







Module 0

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What is actually the difference?

...It is been said: "It is a fact, I saw it!"







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...It is been said: "It is a fact, I saw it!" = experience







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EXPERIENCE vs FACTS (DATA)







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- what kind of evidence?

EXPERIENCE vs FACTS (DATA)

How to actually answer the question?

Would you say the director of the school was at the workshop?







Module 0

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EXPERIENCE vs FACTS (DATA)



Would you say the director of the school was at the workshop?

We need: The definition of "to be at the workshop"...or to participate





Module 0

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What is the answer?

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- they saw him there

For those NOT involved:

- do we have any evidence?
- what kind of evidence?



EXPERIENCE vs FACTS (DATA)

The definition of "to be at the workshop"... NEED to BE FORMULATED

participate (100 % 90 % 80 %) ...when need of DATA/EVIDENCE/FACTS

= language = concept of understanding (definition)

...What is...objectivity, truth, facts...





Module 0

EXAMPLE to understand objectivity, data, facts, evidence, definition...

Objectivity, data, facts, evidence, definition...

EXPERIENCE vs FACTS (DATA)

DATA/EVIDENCE/FACTS = language = concept of understanding (definition)

CAN we trust EXPERIENCE? ...personal perception, unique = not to be compared...

Experience <u>not accepted</u> by scientific approach

But Experience is inevitably important for us

Is there anything else then our experience...?



...different perception and "clarity"











Module & Activity 1

Reliable source of information

Quality of data and how to approach information on the internet





ACTIVITY 1 Fact-checking – first orientation and how to approach information on the internet

Why to go beyond fact-checking?

BUT first lets see the importance of recognizing disinformation and "fake-news"





According to data provided by the United States Capitol Police, a law enforcement agency charged with protecting members of Congress, cases related to "concerning statements and threats" jumped from 3,939 in 2017 to 9,625 in 2021.

Disinformation About Russia's invasion of Ukraine - Debunking Seven Myths spread by Russia





ACTIVITY 1 Fact-checking – first orientation and how to approach information on the internet

Why to go beyond fact-checking?

Holocaust denial case

Official sources from the International Red Cross prove that the "Holocaust" was a Jewish fraud.

"Recent documents, closed for years, show that the total number of deaths in the "concentration camps" is only 271,301. 6 million Jews did not die: this claim is mere fabrication *."

Even if such a document exist and was "real" what would that mean?

...a prove that Holocaust is a scam???

NOTE that denning existence of Holocaust is considered a crime in some contrives. Here we are discussing a principle how to approach evidence and in any means we do imply to any holocaust denial (in the contrary).

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	bis 31.12.1982	vom 01.01.1983 bis 31.12.1983	insgesamt bis 31.12.1983
Auschwitz	53 606	27	53 633
Bergen-Belsen	6 851		6 851
Buchenwald	20 671		20 671
Dachau	18 451	•	18 451
Flossenbürg	18 330		18 330
Groß Rosen	8 355		8 355
Lublin	7 245	426	7 671
Mauthausen	78 823	1	78 824
Mittelbau	7 463	. ,	7 463
Natzweiler	4 431		4 431
Neuengamme	5 706		5 706
Ravensbrück	2 128	2	2 130
Sachsenhausen	5 012		5 012
Stutthof	11 237	1 065	12 303
Theresienstadt	27 260	344 -	27 604
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ACTIVITY 1 Fact-checking – first orientation and how to approach information on the internet

Why to go beyond fact-checking?

Holocaust denial case

Official sources from the International Red Cross prove that the "Holocaust" was a Jewish fraud.

Even if such a document exist and was "real" what would that mean?

...a prove that Holocaust is a scam???

We need to weight strength of the evidence. ...we should understand the topic as a whole

There is so much evidence proving that we know for sure holocaust has happened!

Possible TRAP OF FACT-CHECKING:

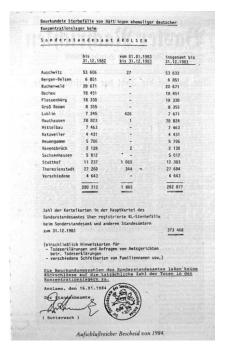
- Overestimate the ONE evidence (real evidence = true story/understanding/prove)
- Thing that everything is about fake-news and dis/misinformation

...and actually missing the picture

Fact checking is SUPER important but does not lead us to understanding of the topic!

Fake-new and disinformation might and proved to be dangerous and can lead to destabilize the democratic society a so we should pay attention to them BUT do not forget about understanding the issue as a WHOLE.

NOTE that denning existence of Holocaust is considered a crime in some contrives. Here we are discussing a principle how to approach evidence and in any means we do imply to any holocaust denial (in the contrary).





Module & Activity 1

ACTIVE

ACTIVITY 1 overview

Fact-checking – first orientation and how to approach information on the internet

Finding relevant and reliable source and information

The Activity 1 consists of the following steps:

- I. Topic selection
- II. First impression
- III. Select the sources of information
- IV. Assessing the reliability of information (fact-checking)
- V. Finding the main aspects of reliable information
- VI. Summarizing the criteria for reliable source of information
- VII. (optional) Show example/conduct proper fact-checking (second round)
- VIII. What else needs to be considered?





Module & Activity 1



ACTIVITY 1 key aspects Fact-checking – first orientation and how to approach information on the internet

About credibility of the source -- so only the first step **Learning by doing**

- Try first ...and learn "later" (by experience and feedback)
- It is better the students find out what they have missed
- so we don start to tell then how to do it but give then an assignment a leave up to them to find the way

The purpose of the task

- primary not to choose which information is reliable or not
 - learn to assess the information by the relevant criteria
 - learn to use lateral reading for fact-checking

Relevant criteria: WHO/BY WHOM (source); HOW (method)

- + recognize manipulative techniques
- + do not judge by irrelevant criteria
- + distinguish facts vs opinions (but do not dismiss opinions just as such)
- + students learn that deliberate effort is needed

The Activity 1 steps:

- I. Topic selection
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- VIII. What else needs to be considered?

EXAMPLE for Activity1



Example – Climate change (disinformation)

The Heritage Foundation



Possible approach (example of quite known topic):

Disinformation spread

Might let student do it by them selves or choose some sources:

heritage.org
https://heartland.org/



A Different Perspective on Global Warming



https://www.heritage.org/environment/commentary/different-perspective-global-warming



From the green energy boondoggles in the so-called "Inflation Reduction Act" in the United States, to the ongoing wind-power disaster in Germany, and threats of energy cuts in the winter in the UK, the climate policy "solutions" are a real and growing problem for the people of the world. Why are we making life poorer and more miserable for most of the people on the planet when there is no climate crisis?

Attend this conference to learn the truth, and inspire your own passion to spread that truth around the globe.



EXAMPLE for Activity1



Example - Climate change (disinformation)

Possible approach (example of quite known topic):

Disinformation spread (Patrick Moore)

Former Greenpeace's President



Climate Change
Roundtable:
Greenpeace CoFounder Patrick
Moore

Greenpeace Founder
Patrick Moore Says
Climate Change Based on False
Narratives

Media Appearances. Climate, Energy, Frontier Centre / September 16, 2022

Greenpeace Founder Patrick Moore
Says Climate Change Based on False
Narratives

Patrick Moore: The climate change skeptic quoted by Trump in 'potentially catastrophic' trend



3,7 mil. zhlédnutí před 7 lety

Greenpeace's ExPresident - Is Climate
Change Fake? - Patrick
Moore | Modern
Wisdom Podcast 373



What They
Haven't Told You
about Climate
Change



4 545 zhlédnutí Živě vysíláno 15. 4. 2022

The Heartland Institute

40 tis. odběratelů

Climate Change Roundtable: Greenpeace Co-Founder Patrick Moore

For this week's episode of Climate Change Roundtable, we're streaming a keynote address Greenpeace co-founder Patrick Moore gave at the Fourteenth International Conference on Climate Change (ICCC), put on by The Heartland Institute. Moore helped start Greenpeace to fight noble environmental goals across the globe, but he soon saw the organization abandon that mission in favor of an anti-human agenda.





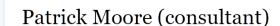
Example – Climate change (disinformation)

Possible approach (example of quite known topic):

- 2. Sources to check (Patric Moore)
 - **Patric Moore / Prager University**







From Wikipedia, the free encyclopedia

Article Talk

Patrick Albert Moore (born June 15, 1947) is a Canadian industry consultant, former activi Greenpeace in 1986. [2] Moore has criticized the environmental movement for what he sees environmental movement "abandoned science and logic in favor of emotion and sensational

Desmog.com

https://www.desmog.com/global-warming-policy-foundation/

DeSmog Launches Project to 'DeBunk' Climate **Misinformation**

Heard it all before? So have we. That's why we are trying out a new way to fight climate science denial.

By Adam Barnett

on Oct 31, 2022 @ 07:05 PDT

Series: **DEBUNK**





Patrick Moore



Patrick Moore



potholer54 227 tis. odběratelů

Response to Patrick Moore's "What They Haven't Told You about Climate Change"

PS: check you self the credibility





Understanding manipulative techniques used

What manipulative techniques are used in climate change debate?

- Fake experts (or authorities)
 - See the Prager University (which is not an university)
- **False Dichotomies ("either-or fallacy")** dismissing one option the conspiracy theory is seemingly giving the argument for second option
 - Not possible to "accurately/precisely" measure temperature = the measurement of global temperature is irrelevant
 - We can not prove that (this concrete) extreme weather event was caused by global warming = No evidence for climate change



weather

Extreme Drought



Tropical

Cyclone



Tornado



Heat wave



Wildfire

2022 EDITION CORRUPTED CLIMATE STATIONS The Official U.S. Temperature Record Remains Fatally Flawed



Fact-checked: "96% of U.S. climate data is corrupted."

E&ENEWS

Scientists Can Now Blame Individual Natural Disasters on Climate Change

Extreme event attribution is one of the most rapidly expanding areas of climate science

Extreme event attribution





Understanding manipulative techniques used

What manipulative techniques are used in climate change debate?

- Scapegoating (finding common enemy)
 - **Green fanatics, EU...**
 - ...LABELING (instead of using arguments):
 - "Green ideology"

OK, MIGHT BY RIGHT BUT GIVE US THE EVIDENCE...

- **Ad-Hominem Attacks**
 - asperger's syndrome diagnosis, eage... SO WHO CARES WHAT SHE IS ACTUALLY SAING...
- **Logical fallacy & inoherence (more for Activity 3 and 4)**
 - need to find the arguments and understand the topic





Greta Thunberg 🔮 · Aug 31, 2019



@GretaThunberg · Follow

When haters go after your looks and differences, it means they have nowhere left to go. And then you know you're winning! I have Aspergers and that means I'm sometimes a bit different from the norm. And - given the right circumstances- being different is a





I'm not public about my diagnosis to "hide" behind it, but because I know many ignorant people still see it as an "illness", or something negative. And believe me, my diagnosis has limited me before. >





Understanding manipulative techniques used

What manipulative techniques are used in climate

change debate?

Emotional language



290. CNN REVEALS **CLIMATE CHANGE** ALARMISM IS COMING

By Donald Kendal, Justin Haskins, Jim Lakely, Isaac Orr

The guys discuss the latest media expose on CNN by James O'Keefe of Project Veritas. After successfully taking down Trump and promoting COVID panic across America, CNN's next planned media panic will be on climate change.



Some of the language used:

"because the general public is not stupid"

"as we all know"

ARTICLE TAGS



Current Opinion in Behavioral Sciences

Volume 42, December 2021, Pages 15-21

Affect and emotions as drivers of climate change perception and action: a review



consistent and substantial differences between them. Most notably, the IPCC authors used more cautious (as opposed to certain) language than the NIPCC (the Heartland Institute) authors language to be <u>aggressive</u> (to more effectively attack)





Understanding manipulative techniques used

What manipulative techniques are used

False Dichotomies ("either-or fallacy") +oversimplifications

dismissing one option the conspiracy theory is seemingly giving the

argument for second option

Limiting guns in the US – NO!

It is not much complicated than that?

...did not they miss the real IMPACT and Consequences of such policy?





Why Do You Hate Conservatives?















Module & Activity 2

Reliable source of information

Quality of data and how to approach information on the internet

Module & Activity 2



ACTIVITY 2 overview

Understanding different actors and their perspectives (values, norms and biases)

The Activity 2 consists of the following steps:

- I. The topic issue concerned (topic selection)
- II. poss. First impression about the topic (when starting with Activity 2a)
- III. Actors their roles and perceived perspectives first impression
- IV. Different roles of actors
- V. Different perspectives
- VI. Biases







ACTIVITY 2 key aspects Understanding different actors and their perspectives

Goals of the activity is to learn:

- + identify actors and the roles they have
- + understand underlying factors and biases
- + explore differing perspectives
- + to not judge before you understand others
- + see your own (and others biases) (how we perceived it)

NVC: "I connect before I correct"

Did anyone looked at NVC or MBTI personality types? ...any questions

The Activity 2 steps:

- The topic issue concerned (topic selection)
- poss. First impression about the topic (when starting with Activity 2a)
- Actors their roles and perceived perspectives – first impression
- Different roles of actors
- Different perspectives
- Biases VI.





ACTIVITY 2 key aspects Understanding different actors and their perspectives

"I connect before I correct"

During the activity students should identify how the actors:

- frame (present) the issue/problem
- world view/stand point of the actor
- motivation of the actor
- actor likes/dislikes favor/unfavor (attitude
- norms and believes or habits

The Activity 2 steps:

- The topic issue concerned (topic selection)
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- Different roles of actors
- Different perspectives
- Biases VI.



Example* – Climate change (perspectives & actors)

Possible approach (example of quite known topic):

1. Ask students what they know about climate change and Who are the different actors in this issue?

TASK: Identify actors that are involved in the issue of climate change

Let students express their perspective what actors they will think of ...then poss. help

Q: WHAT ACTORS DO YOU SEE AS RELEVANT IN **CLIMATE CHANGE ISSUE?**

A2a-III Identify actors and their primary perspective about the issue perceived by students (first impression)

Actor	Type of actor	Role of the actor	Perspective (opinion) of the actor about the issue

A2a-IV Type of roles and the actors

Roles (type /in general)	Actors	Comment

^{*} The examples are for the purpose to show some of the principles from ACTIVE methodology. As such they do not provide complex picture about the topic presented.



Example – Climate change (perspectives & actors)

Different actors



...actors...

- scientists / politicians / citizens voters in western countries / citizens in "developing country" (Africa, Pacific island, India...) / industry...
- citizens voters in western countries: might be further divided by opinions (in US: Rep x Dem)



Possible approach (example of quite known topic):

2. Role of the different actors

What categories of actors there are?

NGO's advocating for action / civil society / policy makers / lobbyists / etc...

What are the divisions? influence x influenced / make decisions / different opinions...

Use Q from the Activity 2:

What actors are involved in the issue?

What type of actor is it (government, NGO, expert, news organization, university...)?

What types of roles does the actors have? What types of roles there are?

How is the role of the actor perceived by other actors?

....and other see the Activity 2a



Possible approach (example of quite known topic):

3. The perspectives of the actors

Ask students about the perspectives of the actors (discussion OR asigment)

Climate change denials

Perspective of scientists (from IPCC)

Perspective of industry (opportunity x threat)

Perspective of Pacific island inhabitant

Voters of Republican and Democratic party I US (how about in your country)

Poss. The class could be divided to mini teams (2-3 people?) would find and describe the perspective of particular group.



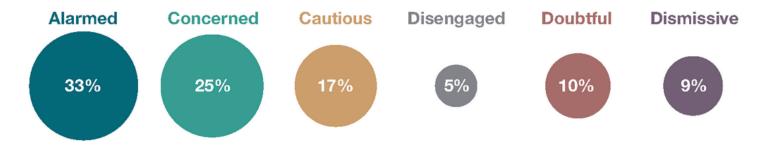
Possible approach

3. The perspectives of the actors

... What the people think about the issue?

Global Warming's Six Americas

Yale University and George Mason University surwey

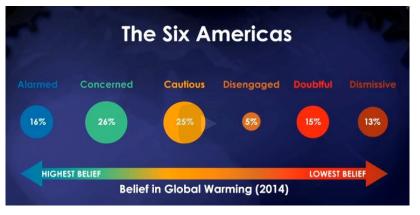


Highest Belief in Global Warming Most Concerned Most Motivated

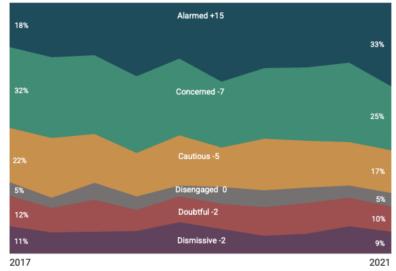
Lowest Belief in Global Warming Least Concerned Least Motivated







Global Warming's Six Americas: Five Year Trend



Data from 10 waves of the Climate Change in the American Mind national survey June 2017 - September 2021, (n = 11,664).







Possible approach (example of quite known topic):

3. The perspectives of the actors

... Who are "climate change denials?"

Varied viewpoints

- Some reject the climate change itself (the "actual" denials)
- Some reject human-caused climate change (also denials)
- Some say that human-made climate change is occurring but the precise impact of human activity and/or climate change is uncertain
- Some argue that policies aimed at addressing human-caused climate change are misguided or counter-productive



Possible approach (example of quite known topic):

4. Biases (ours)

- Discuss about biases (use Q presented in the Activity 2)
- Make students reflect about:
 - What the actors base their perspective on?
 - What the students based their perspective on? Be critical to your self.

Were you open to see the arguments or did you see an enemy?

Q: Was the information used to form the opinion about the perspective of other actors reliable and relevant?

Anchoring bias

• Q: Did not we asses (judged) the perspectives of the actors based on be influenced by pre-existing information or the first piece of information?

Availability bias

- Q: Was not our assessment of the actors based on the information that is readily available to us?
- Q: Were we aware that we had limited information?
- This bias might be very well connected with social bubble and information gap phenomena, so you can pint this out to students (see chapter 1.7 in Module 2)

Representativeness bias

- Q: Did not we asses (judged) the perspectives of the actors based on the quantity of information rather then on the quality of the evidence?
- ...connection with the availability bias





ACTIVITY 2 Example for discussion Understanding different actors and their perspectives

- a) Were the student able to distinguish between opinion and facts?
- b) Did not you (students) use the labeling when evaluating the actors?

Labeling = manipulative technique

Labeling without understanding ...but fail to see what is actually behind?

Were labeling someone actually leads?

Q: Does it help to understand?

Q: Does it help to find relevant solutions?

Q: What are the impacts?

...do not put everyone in to the same pot (understand differences)

...understand (make the research ...Activity 3)

Be aware of language used:

"because the general public is not stupid"

"as we all/everyone knows" ...these are manipulative language



ACTIVITY 1 & 2

Understanding manipulative techniques used

- **Scapegoating (finding common enemy)**
 - Green fanatics, EU...
 - ...LABELING (instead of using arguments):
 - as "Green ideology"

OK, MIGHT BY RIGHT BUT GIVE US THE **EVIDENCE...**

We want to hear "real" arguments and see the evidence!



From fundamental (of principle) support of everything OR on or other side dismiss everything

Lets do what makes sense: asses the IMPACT, see the evidence and act responsibly...

PS: this does not mean expert / bureaucratic / technocratic approach. Normative-political decision is still needed



Summary Activity2

Activity 2 summary

Goals of the Activity 2 is to learn:

- + identify actors and the roles they have
- + underlying factors and biases
- + exploring differing perspectives
- + do not judge before you understand others
- + see your own (and others biases) (how we perceived it)

"I connect before I correct"



The Activity 2 steps:

- The topic issue concerned (topic selection)
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- V. Different perspectives
- VI. Biases



Summary Activity2



Activity 2 example

YouTube

False Dichotomy ("either-or fallacy") EXAMPLE

Hledat





If There Is No God, Murder Isn't Wrong



If there is no God, murder isn't wrong. You may think it's wrong, but how do you know it's wrong? As Dennis Prager explains, without God, all morality is mere opinion.





Thank you for your participation.













WSB University

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