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The Anthropocene: The age of mankind - Docu - 2017

LESSON CREATED BY ANNA PHILLIPS USING TED-Ed's LESSON CREATOR
VIDEO FROM vpro documentary YOUTUBE CHANNEL

Let's Begin...

Anthropocene is "a new phase in history of both, humankind and the earth, when natural forces and human forces became intertwined, so that the fate of one determines the fate of the other," According to Zalasiewicz et al. (2010)

The video: **The Anthropocene: The age of mankind** presents the terms of reference from geologist, philosophical, and research perspectives.



Watch

Think

Dig Deeper

Discuss

...And Finally

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Anthropocene is "a new phase in history of both, humankind and the earth, when natural forces and human forces became intertwined, so that the fate of one determines the fate of the other," According to Zalasiewicz et al. (2010) The video: **The Anthropocene: The age of mankind** presents the terms of reference from geologist, philosophical, and research perspectives.

Think

Anthropocene is difficult to determine the actual date...where the switching from Holocene to Anthropocene ... which of the following answers apply?

- a ... should the measurement be present day ... industrial age
- b ... or go back further in time 40,000 years ago
- c ... deny humans affected climate change
- d ... begin with the Paris Accord

Greenland's Prime Minister indicated Indigenous people have been managing life on Greenland for 4500 years. Which of the following statements did she emphasize?

- a ... harvesting the best tulips and strawberries in the world
- b ... Greenland is open for business -- especially mining uranium and rare earth minerals
- c ... Greenland requires joint venture foreign direct investment
- d ... Greenland ice sheet is equivalent to 6-meters of sea level rise

Budapest is using waste water to

- a ... change attitudes ... nature + humans = we are part of nature
- b ... replace fossil fuels
- c ... first it purifies the wastewater with microorganisms from plants using plant root from a botanical garden
- d ... save the environment

Dig Deeper

Additional Resources for you to Explore

Apollo 8, the first manned mission to the moon, entered lunar orbit on Christmas Eve, Dec. 24, 1968. That evening, the astronauts-Commander Frank Borman, Command Module Pilot Jim Lovell, and Lunar Module Pilot William Anders-held a live broadcast from lunar orbit, in which they showed pictures of the Earth and moon as seen from their spacecraft. Said Lovell, "The vast loneliness is awe-inspiring and it makes you realize just what you have back there on Earth." They ended the broadcast with the crew taking turns reading from the book of Genesis. Editor: NASA Content Administrator

https://www.nasa.gov/multimedia/imagegallery/image_feature_1249.html

Discuss

When you see the earth, depicted by the NASA photo, what three steps do you think humankind should take to preserve the habitability of the planet?

... And Finally

A 175 Parties (174 states and the European Union) have made a commitment with the Paris Climate Agreement. This is a voluntary agreement to limit an increase of the world's temperature by 2 °C (3.6 °F). Since the agreement entered into force, progress toward emission targets has been mixed. Chinese authorities announced that they were making great strides in reducing greenhouse gas emissions, noting that **China had met its 2020 commitments in 2017**. In contrast, **European Union officials announced in 2018 that all member states had fallen behind** on reaching their targets; **Sweden**, **Portugal**, and **France** had made the most progress, reaching 77 percent, 66 percent, and 65 percent of their 2020 targets by 2018, respectively. **U.S. progress was less clear**. (<https://www.britannica.com/topic/Paris-Agreement-201>)

There are still opportunities to meet the Paris Climate Agreement goals as has been demonstrated by the reductions during the 2020 COVID19 pandemic. We just need the will to take action!