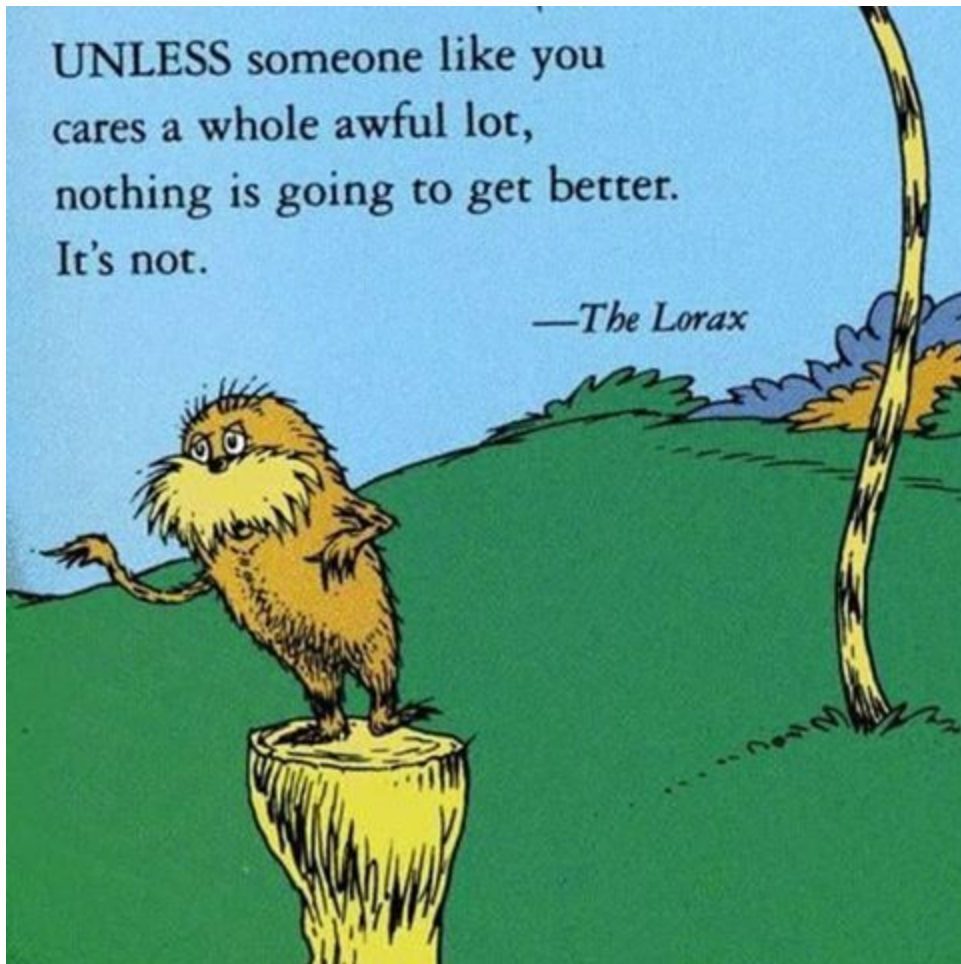


AVOID ECO-FATIGUE

Balanced Climate Change Education
By Emily Carreiro

UNLESS someone like you
cares a whole awful lot,
nothing is going to get better.
It's not.

—*The Lorax*



Why ME?!?!



When you scroll through your
timeline liking memes about
depression, anxiety and
alcoholism...



A CLASSROOM CLIMATE CHANGE EXPERIMENT

Step One: acknowledge that this is gonna be rough; but we're in it together.

“Tell me your despair, yours, and I will tell you mine.
Meanwhile the world goes on.”

From “Wild Geese” by Mary Oliver

INFORM...WHILE EMPOWERING

Step Two: Temper the bad news with the good.

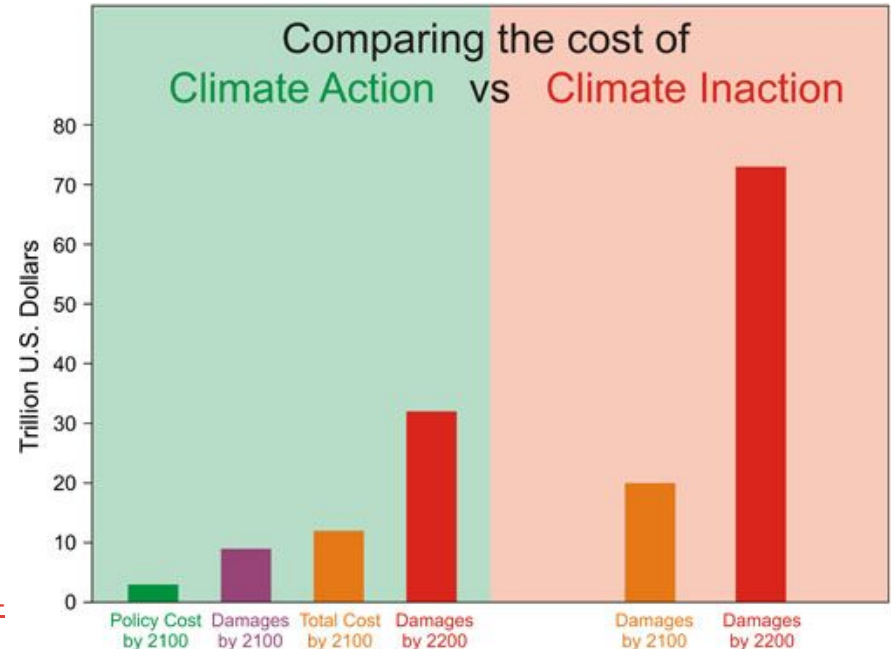


MANAGE MISCONCEPTIONS

Step 0.5 & 2.5: What does the public know/think?



<https://climatecommunication.yale.edu/visualizations-data/ycom-us-2018/?est=happening&type=value&geo=county>



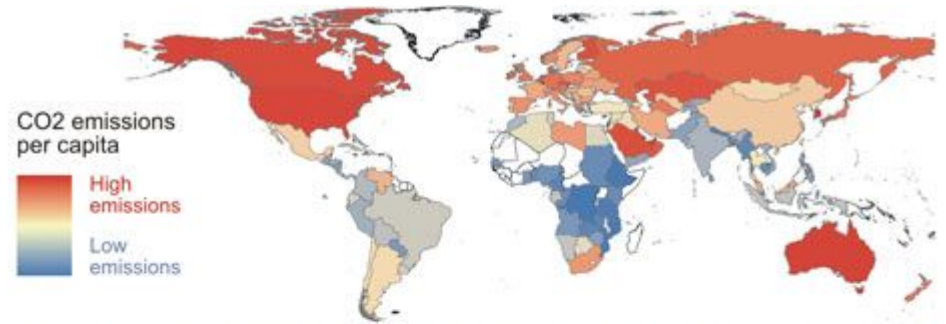
THE GREAT DISCONNECT

Yale study:

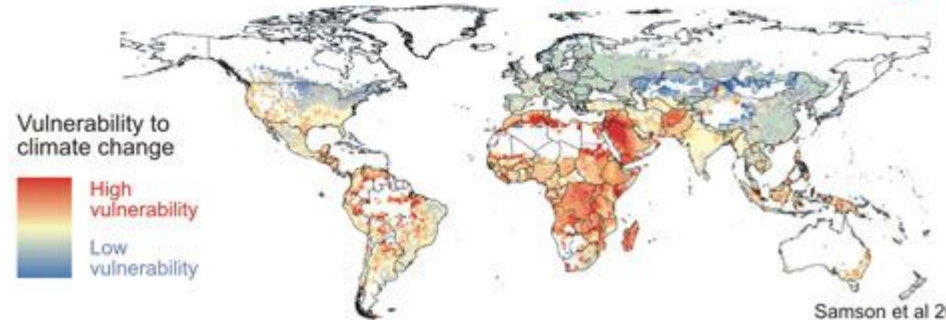
<https://climatecommunication.yale.edu/visualizations-data/ycom-us/>

BE UNCOMFORTABLE

Steph Three: Acknowledging being uncomfortable creates open space for discussion.



Those who contribute the least greenhouse gases will be most impacted by climate change



Samson et al 2011

BE REALLY UNCOMFORTABLE!

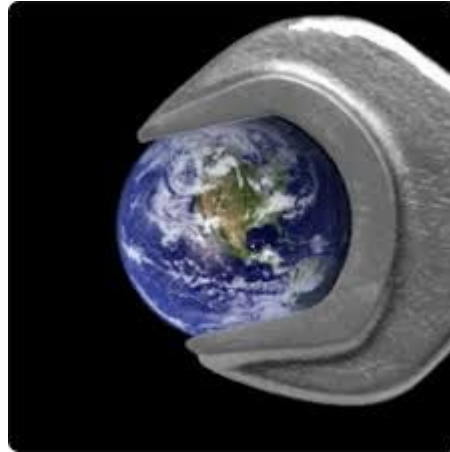
Social inequalities ~ Economic inequity ~ Geographic challenges



GEO-ENGINEERING

Step Four: Teach them to think outside the box.

WAY outside the box! This is the thinking that we need.



MAKE IT PERSONAL

Step Five: Once students have the information and revolutionary example ideas, set them on a personal task.



BE CREATIVE

Creativity is not inherently *unscientific!*

“Science already can feel high-stakes, so don’t try to make communicating your science quite so high-stakes. You should be having fun. It should be creative, it should be an out-

Emily Fairfax, University of Colorado



<https://www.youtube.com/watch?v=AM-n4x0E0g4>

DEBATE: SAVE THE WORLD



WHAT DO WE CARE ABOUT?

Year-long Endangered Species Presentations/research meets
Climate Change...



SHARE

Step Six: Spread the passion you cultivated in your students



RESOURCES

Good news & Innovation

Projects that work: <https://qz.com/536640/the-un-has-named-16-climate-projects-that-are-actually-making-a-difference/>

Visual Solutions: <https://unfccc.int/news/new-online-report-visualising-global-climate-action>

Boyan Slat: <https://www.youtube.com/watch?v=ROW9F-c0kIQ>

Penguin Lady's Soap Student: https://www.ted.com/talks/dyan_denapoli_the_great_penguin_rescue/discussion?language

Diverse sectors step up: <https://bigthink.com/technology-innovation/climate-change-projects>

Newsweek's take: <https://www.newsweek.com/climate-change-good-news-2018-scientists-chernobyl-renewable-energy-1276275>

Creativity Examples: <https://www.yaleclimateconnections.org/2019/05/four-scientists-make-creativity-a-key-to-communicating-their-research/>

RESOURCES (OTHER)

Ted Talk: Talk About It!

https://www.ted.com/talks/katharine_hayhoe_the_most_important_thing_you_can_do_to_fight_climate_change_talk_about_it/up-next?language=en

Yale Survey: <https://climatecommunication.yale.edu/visualizations-data/ycom-us/>

RESOURCES

Good Organizations to Explore for Info

Yale Climate Communication: climatecommunication.yale.edu and yaleclimateconnections.org

Pew Research Center: [pewresearch.org](https://www.pewresearch.org)

TED Talks on Climate Change: www.ted.com

United Nations: <https://www.un.org/en/climatechange/>

National Oceanographic and Atmospheric Administration: <https://www.climate.gov/>