

SUSTAINABILITY

*A teacher development guide for
4th-6th grade focused on bringing
sustainability into English/Language
Arts Classes.*

*Emily Sinclair
Fall 2020 DPS Sustainability Internship
University of Denver
Communication Studies*

Thermal Energy: Jan- Mid February

DPS Sustainability can be used as a resource for bringing sustainability information energy conservation:
<https://sustainability.dpsk12.org/>

Energy and Electricity: From Source to Use:
Infographic:
<https://rmpbs.pbslearningmedia.org/resource/5fe36d4c-53fb-49f7-a421-defe24e58aae/energy-and-electricity-from-source-to-use/>

Tapping into the power of the Yellowstone Supervolcano:
https://newsela.com/read/Yellowstone-supervolcano-energy-source/id/45334/?search_id=39438bc0-b28f-44ea-b6d0-ff27b6061366

Study outlines five thermal energy grand challenges for decarbonizing the world's economy: Article:
<https://news.stanford.edu/2020/08/12/solve-climate-change-must-deal-heat/>

The Heat is On: Cause and Effect and Climate: Activity:
<https://www.calacademy.org/educators/lesson-plans/the-heat-is-on-cause-and-effect-and-climate>

Climate Basics for Kids: Website Resource:
<https://www.c2es.org/content/climate-basics-for-kids/>

Earth's Changing Climate: May and Oceans, Atmosphere and
Climate: Mid February to March

8 ways to teach climate change in almost any classroom:

NPR article:

<https://www.npr.org/2019/04/25/716359470/eight-ways-to-teach-climate-change-in-almost-any-classroom>

Climate Change: A Warming Planet: Activity:

<https://www.nps.gov/teachers/classrooms/climate-change-a-warming-planet.htm>

How do we know the climate is changing?: Article:

<https://climatekids.nasa.gov/climate-change-evidence/>

Climate: The change we need: Lesson Idea:

<https://my.pblworks.org/project/climate-change-we-need>

Climate Change: Video with supporting materials:

<https://rmpbs.pbslearningmedia.org/resource/ess05.sci.ess.watcyc.climatechange/climate-change/>

5 questions about Climate Change: TED Playlist:

https://www.ted.com/playlists/770/5_questions_about_climate_change

Is your fleece jacket polluting the oceans?: Video
and Supporting Materials:

<https://rmpbs.pbslearningmedia.org/resource/microfiber-pollution-kqed/is-your-fleece-jacket-polluting-the-oceans-above-the-noise/>

Time is running out: Article:

https://newsela.com/read/climate-oceans-humans/id/45015/?search_id=4ee40ab9-31e0-450a-b172-a6a4a7764191

Weather Patterns: April

DPS Sustainability can be used as a resource for bringing sustainability information and resources about water usage and conservation to the classroom!

<https://sustainability.dpsk12.org/>

Water Conservation: Activities:

https://rmpbs.pbslearningmedia.org/resource/ess05.sci.ess.watcyc.lp_waterconservation/water-conservation/#.X7GmGhNKg6U

Young Scientists Share the Hard Work Behind their

Winning Projects: Article:

https://newsela.com/read/young-scientists/id/2001008173/?search_id=a355a107-a1b4-432e-9f2b-9b930b6e4150

High Altitude Wind Energy From Kites: Video:

https://www.ted.com/talks/saul_griffith_high_altitude_wind_energy_from_kites

First Team to Climb Fuji Dome in Antarctica in

Wind-Driven Vehicle: Article:

https://newsela.com/read/exploring-antarctica-by-kite/id/49371/?search_id=1586166e-5c2d-4cdc-abcb-9a8a9acbfad9