

Understanding Energy

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Background

- Combination class of 16 fifth graders and 10 fourth graders at Sequoia Elementary School in Dimond District of Oakland
- Integrated science-social studies-art-ELA unit on Climate Change
 - Waste
 - The Greenhouse Effect
 - **Energy**
 - Impact on various ecosystems
 - Solutions
- Lack of confidence in teaching about energy prompted reach out to Eric at CRS
- Jigsaw approach

Assignment: Energy Advertisement

- Design a poster, advertising your energy source. Your poster must include:
 - where the source was from and how to get it
 - why it is a good energy source that we should use
- Present your poster to our “investor” and convince them to invest in your energy! Plan out your presentation using the graphic organizer.
- Energy types explored: propane, natural gas, petroleum, hydropower, nuclear, geothermal, solar, biomass, wind power, and coal

Resources

[NEED Program Energy Guide](#)

Ted-Ed videos

Newsela

[Graphic organizer](#)

Takeaways

- More support when reading
- Collaborate with science teacher
- Energy conservation lens
- Connect to community/home