

Energy Sources Poster

What is it? Where does it come from? Where does it go?

What is the impact?

What factors should be considered when making energy production and consumption choices?

Helpful Resources:

Energy Source	Resources + Explanation of what it is/why it could be helpful	Person sharing this information
Coal	https://www.worldcoal.org/coal/what-coal Cons: • Coal is nonrenewable. ... • Coal contains the most CO₂ per BTU, the largest contributor to global warming. • Severe environmental, social and health and safety impacts of coal mining. • Devastation of environment around coal mines. • High cost of transporting coal to centralized power plants	
Geothermal	https://www.youtube.com/watch?v=DFQrE91kZwk is a video about the basics of geothermal energy, and how geothermal power plants work	Hazel
Hydropower		
Natural Gas	https://www.youtube.com/watch?v=-njmj0diWu8 is a good video about what natural gas is, how it is made and a few other things.	Sasha
Nuclear	https://www.debatingeurope.eu/focus/infobox-arguments-for-and-against-nuclear/#.XFx-c2j256x This helps you understand the perspectives on nuclear energy.	Eva
Oil (Petroleum)	https://www.youtube.com/watch?v=KkaplHQp2n0 Here is a video that can help you find where and how oil is created	Chaim

Solar	Pro's and Con's SOLAR VIDEO Other Pro's and Con's Solar energy Diagrams Helpful videos for understanding what solar energy is and the pros & con	Livy, Maya, Rowen & Nico
Wind	https://www.youtube.com/watch?v=Z8tcJC3fd2w Video of what is wind? https://www.greenmountainenergy.com/w... https://www.patreon.com/LearnEngineering	Jade Neamia

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Group Members: _____

Energy Sources Poster - TO DO:

1. **What is it?** → Explaining how your energy source works. What types of energy (MRS. CENT) does it use? Does it use potential/kinetic or both? Include images and diagrams that show how your energy source works.
 - a. *Include at least 1 vocabulary card on the poster!*
2. **Where does it come from? Where does it go?** → How do we use this energy source?
3. **What is the impact?** →
 - a. Positive impact? Neutral? Negative? Pros + Cons?
 - i. People - Is there a group of people benefiting from this energy? Is anyone being impacted negatively
 - ii. Activists - Who is advocating FOR & AGAINST this energy source & HOW.

4. What factors should be considered when making energy production and consumption choices?

- a. Are there other resources (articles, videos, organizations, websites, etc...) that folks who are interested can explore more?

1. **Finish poster!!!**

2. Create a presentation (skit, poem, song, game-show, video, etc...) related to this question: *What factors should be considered when making energy production and consumption choices related to your energy source?*
3. When your group is ready, focus on NewsELA Choice Reading OR silent read Change Maker book.

We will share our ENERGY POSTER PRESENTATIONS at 12:31

Use your yellow folders, notes/handouts from energy rotations, and the blog for support with your work

1. Nuclear (Alisha, Eva, Lalo, Marley)
2. Wind (Jade, Neamia, Owen, Tallulah)
3. Hydropower (Elliott, Henry E, Poppy, Violet)
4. Oil/Petroleum (Chaim, Ezra, Jojo, Olivia)
5. Solar (Livy, Maya, Nico, Rowan)
6. Coal (Hannah, Henry N, Levi, Winter)
7. Natural Gas (Annabel, Cooper, Kai, Sasha)
8. Geothermal (Hazel, Joseph, Lane, Max)