

Curriculum Unit
Title

Energy Visualized and Easily Explained to 3rd Graders

Author

Ellen Baca

KEY LEARNING, ENDURING UNDERSTANDING, ETC.

Students will be able to explain what energy, where it comes from, and how it is used in their everyday lives.

ESSENTIAL QUESTION(S) for the UNIT

What is energy and why is it important to the world and myself?

CONCEPT A

CONCEPT B

CONCEPT C

ESSENTIAL QUESTIONS A

ESSENTIAL QUESTIONS B

ESSENTIAL QUESTIONS C

Where does energy come from?

How has energy been used in history?

How does energy effect my everyday life?

VOCABULARY A

VOCABULARY A

VOCABULARY A

Rocks, minerals, gasoline, coal, sun, transfer.

Tessel, Edison, Industrial Revolution, battery, watts.

Solar energy, gas, wind, carbohydrates, lipids, sugars, water power.

ADDITIONAL INFORMATION/MATERIAL/TEXT/FILM/RESOURCES

- The Magic School Bus, "Let's get Energized" <https://www.youtube.com/watch?v=tLJG9bB78YM>
- Fuel and The Environment: Denise Walker
- What are Minerals? Natalie Hyde
- Hot! Heat Energy By Emma Carlson Berne
- Heat and Energy: Steve Parker
- Several useful websites for student centers are included towards end of curriculum.