Energy & Your Environment [EYE] Unit Roadmap

Find the early draft of curricular tools here:

https://drive.google.com/drive/folders/1pyc-l3fJBqTEz9FRuvRkla6Ea UgQ0eb?usp=sharing



What is energy?

What are energy systems?

Complete Model 1



How do humans harness energy for use in systems?

How does energy flow in those systems?



How does harnessing energy impact Earth systems?

How does energy flow in those systems?

Complete Model 2



What is light energy?

How does light energy interact with building design?

How does lighting in buildings impact electrical energy use?



What is thermal energy?

How does thermal energy transfer affect electrical energy usage?

Complete Model 3



How can we build an energy-efficient school building?

Lesson 1 Energy Lesson 2 Energy Systems Lesson 3 Earth Systems Lesson 4

Lesson 5 Warm & Cool Lesson 6 Engineering Design

Lessons 1 – 3 focus on large energy systems

Lessons 4 – \$ focus on two components of large energy systems: Light and Thermal energy Lesson 6 focuses on engineering design