

Knowing Energy: The Big Picture

Energy Revealed
Activity

Level 1-2: Grades 3-8

Level 3-4: Grades 9-12



Main Objective

This final activity and the associated videos will allow learners to reflect on their learnings of this Knowing Energy video series while developing their own energy savings goal(s).

Learning Outcomes

By the end of this activity, learners will:

- Reflect and expand their learnings of this series by developing their own energy savings goal
- Present their energy savings goal to the class by explaining how they will achieve it

Length of Activity: 1 week

Step 1: Look over the General Overview Guide

Step 2+3: Watch two Knowing Energy video and answer worksheet

Step 4: Review answers to the worksheet

Materials Required

- Internet-enabled Device
- General Overview Guide
- The Big Picture Learner Worksheet
- The Big Picture Learner Worksheet Answer Key

Activity

Step 1: Review the General Overview Guide

Review the General Overview Guide to understand how the Knowing Energy Video Series works with its associated activities.

Step 2: Watch Some Know Energy Video

- Before learners get started on this activity, be sure to introduce them to the Knowing Energy video in the series called:

 [Stephen's Big Picture \(1:46 minutes\)](#)

 [Adam's Big Picture \(1:06 minutes\)](#)

Step 3: Complete Learner Worksheet

- Hand out The Big Picture Energy Learner Worksheet. Depending on the learner's grade level, direct them to complete either or all the levels.
- The above videos will direct learners on what to do, so allowing them to re-watch, or to go over their task as a class is vital for their understanding. The activity itself can be done individually.
- Be sure to remind learners of the concepts that were introduced to them throughout this entire series. These concepts can be further discussed as a class before learners tackle this worksheet that involves learners creating their own energy-saving goal and presenting how they will achieve this goal.

Step 4: Review Learner Worksheet Answer Key

- Be sure to go over as a class the answers to the worksheet and refer to The Big Picture Learner Worksheet Answer Key for any confusion.