Science Learning Progression

Grades 6-8

Prerequisite knowledge:

Energy comes in different forms such as heat, light, sound, & electrical energy.

Distinguish between what energy is and what energy is not.

I can give a working definition of energy.

Think-Write-Pair-Share Analyze the environment and personal experiences to identify several forms of energy.

I can identify different forms of energy I have used or have been exposed to today.

Exit Slip

In a given scenario describe how energy is transferred from one place to another.

I can describe examples of energy transfers I see in my life.

Luck of the Draw (Hat Full of Energy)

Whiteboard

Identify and label energy transformations.

I can correctly label energy transformations in a diagram or picture.

Exit Slip
Observing a
diagram/picture, identify
and list all of the energy
transformations.

Energy can be transformed from one form to another and transferred from one place to another.

6-8 PS3A

Later big ideas that build on this big idea include:

- molecular nature of energy
- conservation of energy.

9-11 PS3



