

Middle School - Water Cycle



Time: 20 Minutes

Overview:

- The Water Cycle activity is a subset of the full eesmarts Solar Energy and The Water Cycle lesson.
- Students try to answer the question, “Is the sun a pump?”
- Students review a solar still model
- Students are challenged to create their own model at home.

Lesson:

The Water Cycle activity is presented via a YouTube video. The link should be provided to students so they can view and follow along with the activities.

- [Water Cycle Presentation Video](#) (14:47 min. on YouTube)
 - Resource: [Water Cycle Diagram](#)
- Optional
 - [Water Cycle Part 2: Challenge Presentation Video](#) (6:13 min. on YouTube)
 - Optional assignment:
 - [Designing a Model of the Water Cycle Student Sheet](#)

Extensions:

These are provided should you choose to give them to students for more information.

- [The Water Cycle](#) article on Newsela
 - Optional assignment: State two examples from the article supporting the conclusion that the water cycle has a significant effect on climate.
- [Earth's Water Cycle](#) by Diana Dakers on epic! Books
 - Optional assignment: Draw an explanatory model of the water cycle.

Science Standards: Next Generation Science Standards

- The full eesmarts lesson Solar Energy and the Water Cycle meets these NGSS Performance Expectations:
 - [MS-ESS2-4](#): Develop a model to describe the cycling of water through Earth's systems driven by energy from the sun and the force of gravity.

BROUGHT TO YOU BY

EVERSOURCE



PROUD SPONSORS OF

