Grade: 6-8
Discipline: Science
Length: 2-3 classes

Target:

MS-ESS3-4	Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems

Essential Question(s):
- What is a watershed, and why is it important to understand how water flows through it?
- How do human actions impact water quality in a watershed?
- What message would you share with others to help raise awareness about protecting clean water?

Objective:

Students will independently explore the components of a watershed and investigate different types of water pollution through interactive slides, videos, and activities. They will identify examples of point and nonpoint source pollution and demonstrate their understanding by creating a small advocacy poster promoting clean water and water quality protection.

Materials/Resources:

- [Watershed Independent Learning](#) (Google Slides)

Lesson Summary:

Students will independently explore what a watershed is and how pollution affects water quality through activities in Google Slides, including videos and interactive tasks. They will learn the difference between point and nonpoint source pollution and create a small advocacy poster to promote clean water in their community.

This could take students a couple days to go through each slide and complete the videos and activities on each slide. Great for sub plans or to introduce pollutants. This is usually accompanied with using the Watershed Model Demo (from ECHO).