

Education Outreach

ACTIVITY SHEET



PRESENTATION FORMAT

Virtual, On-Site

MATERIALS NEEDED

- 1 piece of plain scrap paper
- 5 washable markers: brown, blue, green, orange and red or 5 colors that are a close match
- A small bowl, half full of water
- A plate or tray
- A towel or paper towel to dry your hands on

GRADE LEVELS

3rd to 5th
6th to 8th

DURATION

45 to 60 minutes

NEXT GENERATION SCIENCE STANDARDS ALIGNMENT

Disciplinary Core Idea

- ESS3: Earth and Human Activity

Crosscutting Concept

- Structure and Function

Science and

Engineering Practice

- Constructing explanations and designing solutions

COMMON CORE STATE STANDARDS ALIGNMENT

CCSS.ELA-Literacy.SL.4.1

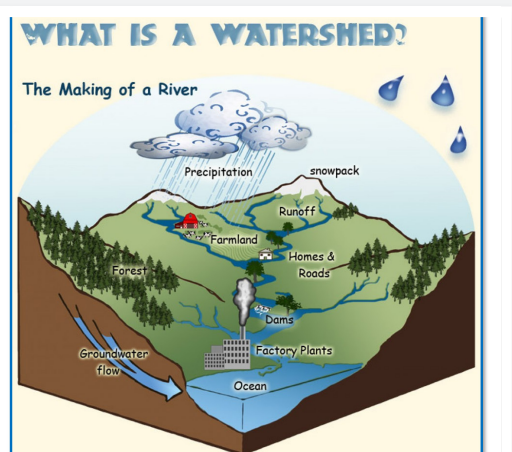
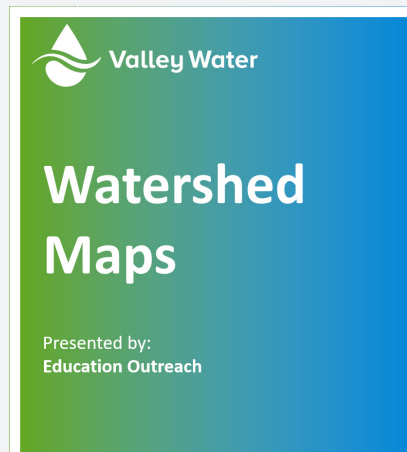
ACTIVITY NAME:

Watershed Maps



FOCUS QUESTION:

How do Earth's major systems interact?



BACKGROUND

The shape of the land influences where rain water collects. What effect do the hills bordering Santa Clara Valley have on the way rain water travels and collects? Students explore the concept of watersheds and how they impact their community.



ACTIVITY

Watershed Maps is a hands-on activity where students make a 3D map that demonstrates and defines the concepts of watersheds, and point and non-point source pollution. Using just a piece of paper, markers, and a touch of water, students will follow along and create their own working model of a watershed.



QUESTIONS?

Email education@valleywater.org

Website: www.valleywater.org/learning-center/teachers-students

