

# Education Outreach

## ACTIVITY SHEET



### PRESENTATION FORMAT

On-Site

### MATERIALS NEEDED

Provided by Valley Water

### GRADE LEVELS

6th to 8th

### DURATION

35 to 45 minutes

### NEXT GENERATION SCIENCE STANDARDS ALIGNMENT

Disciplinary Core Idea

- ESS3.C: Human Impacts on Earth Systems

### Crosscutting Concept

- Cause and effect

### Science and Engineering Practice

- Constructing explanations and designing solutions

### COMMON CORE STATE STANDARDS ALIGNMENT

CCSS.ELA-Literacy.SL.6.1-6.6

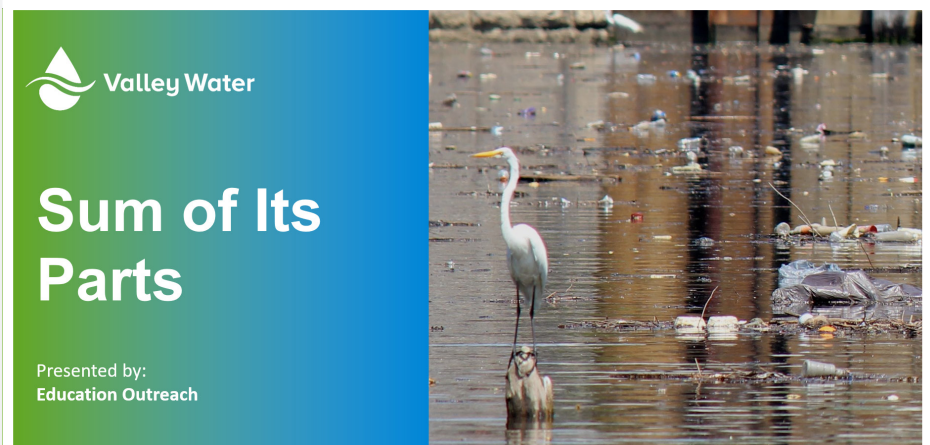
ACTIVITY NAME:

## Sum of Its Parts



FOCUS QUESTION:

*How do humans change the planet?*



### BACKGROUND

Our waterways have a serious pollution problem, but what is causing this to happen? Students will discover how human activity impacts the environment in unexpected ways, and what we can do to solve this problem.



### ACTIVITY

As students design their own riverfront property they explore how communities impact watersheds. This activity demonstrates how everyone contributes to the pollution of a river as it flows through a watershed and emphasizes that our collective impact can be reduced if we all work together.



### QUESTIONS?

Email [education@valleywater.org](mailto:education@valleywater.org)

Website: [www.valleywater.org/learning-center/teachers-students](http://www.valleywater.org/learning-center/teachers-students)

