

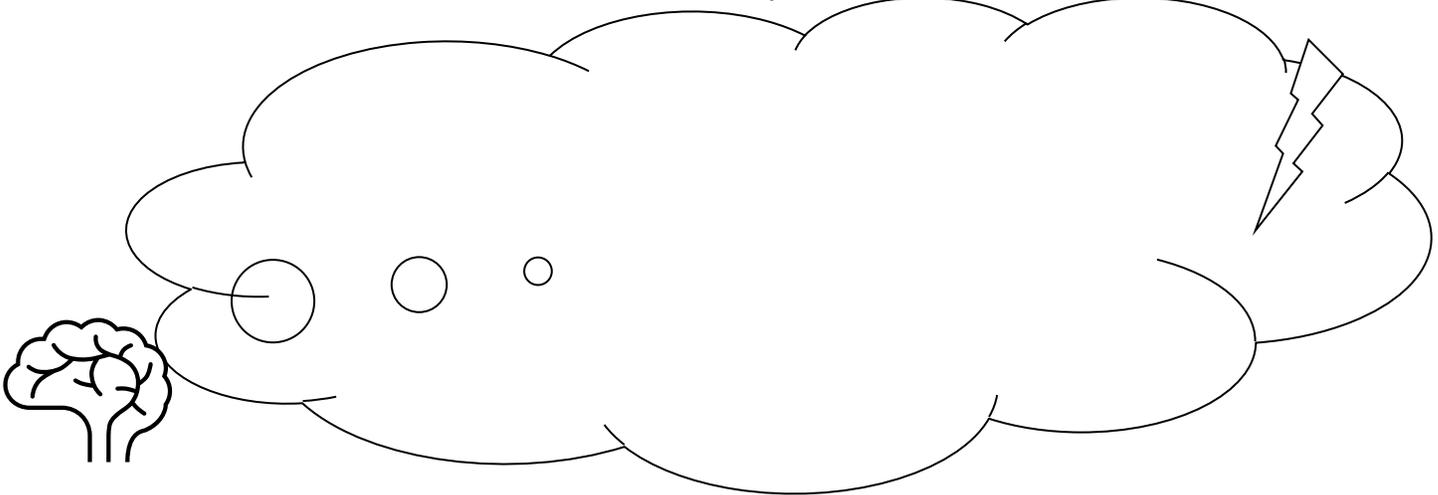
## K-2 Eco-Engineering Challenge

### WHAT I NOTICED

### WHAT I WONDER

### WHAT I FOUND OUT

### BRAINSTORM: Ideas to solve the problem or invent a solution



## MY DESIGN (drawing with labels)

## HOW I TESTED MY DESIGN TO SEE IF IT WORKED

## HOW I CHANGED MY DESIGN TO MAKE IT BETTER



## Eco-Engineering Challenge: \_\_\_\_\_

### The Phenomenon\*

What I Noticed or Observed

My Initial Explanation of the Phenomenon (What happened, why, and how?)

\* A phenomenon is any observable event that has not been explained

### What I Wonder (questions about the phenomenon)

### Findings from Research / Sources

### Eco-Engineering Challenge to be solved and its design constraints (time, budget, materials, etc.)

### Design (Labeled Drawing)

### How Design was Tested and Improved

### Revised Explanation for Phenomenon (continue on back)

Investigation: \_\_\_\_\_

**The Phenomenon\***

What I Noticed or Observed

My Initial Explanation of the Phenomenon (What happened, why, and how?)

\* A phenomenon is any observable event that has not been explained

**What I Wonder (questions)**

**Findings from Research / Sources**

**The Investigation (Procedures, Data Analysis, Conclusions)**

**Revised Explanation of the Phenomenon**





# Community Science Project: \_\_\_\_\_

## The Phenomenon\*

What I Noticed or Observed

My Initial Explanation of the Phenomenon (What happened, why, and how?)

\* A phenomenon is any observable event that has not been explained

## What I Wonder (questions)

## Key Research Findings

## The Community Science Project (including purpose, procedures, data, analysis, conclusions)

## Revised Explanation of the Phenomenon



## Environmental Stewardship Project: \_\_\_\_\_

### The Phenomenon\*

\* A phenomenon is any observable event that has not been explained

What I Noticed or Observed

My Initial Explanation of the Phenomenon (What happened, why, and how?)

### What I Wonder (questions)

### Key Research Findings

### Environmental Stewardship Project

### Revised Explanation

