Name: Date: Class:

Making Sense Assessment

Make sense of what you learned by writing a short reflection about the phenomena you explored, the science and engineering skills you used, and one question or idea you have about what was learned. Answer the prompts in complete sentences:

3

Three science concepts that I learned and applied in this activity are:

2

Two science and engineering skills that I used are:

Science and Engineering Practices:

❏ Asking questions (for science) and defining problems (for engineering)

❏ Developing and using models

❏ Planning and carrying out investigations

❏ Analyzing and interpreting data

❏ Using mathematics and computational thinking

❏ Constructing explanations (for science) and designing solutions (for engineering)

❏ Engaging in argument from evidence

❏ Obtaining, evaluating, and communicating information

Engineering Design Process:

❏ Ask: Identify the Need & Constraints

❏ Research the Problem

❏ Imagine: Develop Possible Solutions

❏ Plan: Select a Promising Solution

❏ Create: Build a Prototype

❏ Test and Evaluate Prototype

❏ Improve: Redesign as Needed

Engineering Design Thinking:

❏ Formulating Problems

❏ Seeking Solutions

❏ Thriving in Uncertainty

❏ Collaborating Constantly

❏ Prototyping Ideas

❏ Iterating Options

❏ Reflecting Frequently

Name: **Date:** **Class:**

1	One question I have or an idea I would like to further explore is: