OUR PLOT OF SUNSHINE · STUDENT WORKSHEET

Lesson 2.1 – What Is an Environmental System?

Quarter 2 · Technology, Measurement, and Analysis

Name: _____ Date: _____ Class: _____

Big Question: Students define systems, identify system components, and create simple input/output maps of environmental systems.

Word Bank: System · biotic · abiotic · input · output

My Task

Choose one environmental system (a garden, a pond, or a fish tank or terrarium). Draw a labeled diagram showing at least 3 parts, 2 inputs, 2 outputs, and arrows for the interactions.

Draw, label, record data, or write here:

Grades 3–4: Draw a garden system with 4 parts. Draw one arrow for an input (like sunlight) and one for an output (like oxygen).	**Grade 5 Challenge:** Draw a system with inputs, outputs, and two interactions. Write: "If ___ were removed, then ___ would happen because ___."

Think & Respond

1. What happens if one part of the bike is missing?

2. Can a system change over time? What might cause it to change?

EXIT TICKET

1. What is a system?

2. Why do parts depend on each other?

3. Name one input and one output.