

## Mystery Illness #1

### Questions and Data

Disease	Symptoms that match scenario	Causes that match scenario	Risk factors that match scenario	1-10 how well does it fit the scenario?

Disease	1-10 how well does it fit the scenario?

# MICROBIOME STATIONS

## Station 1: Mystery Disease

1. Using your notes, why would Molly's imbalance in her microbiome potentially cause a decrease in her weight and appetite?

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2. What is a brain cell called? \_\_\_\_\_
3. What element is important in carrying messages? \_\_\_\_\_
4. Draw what a brain cell looks like.

5. What disease do you think could be causing the problem in Molly considering all the new information?

## Station 2: Microscopes

1.

2.

3.

### Station 3: Bacteria Superheroes

### Station 4: Preview of Cells

What type of cells make up humans? \_\_\_\_\_

What does “selectively permeable” mean?

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\_\_\_\_\_

What is the jelly-like material that helps hold organelles in place? \_\_\_\_\_

What is the role of ribosomes in the cell? \_\_\_\_\_

What holds the genetic material in the cell? \_\_\_\_\_

Which organelle is like the highway of the cell? \_\_\_\_\_

What organelle powers the cell and what process does it use to release energy?

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## MODEL KEYS