

Name: \_\_\_\_\_ Date: \_\_\_\_

# Student Exploration: Plants and Snails

Vocabulary: aerobic respiration, bromothymol blue (BTB), carbon dioxide-oxygen cycle, indicator, interdependence, photosynthesis

Prior Knowledge Questions (Do these BEFORE using the Gizmo.)

1. What important gas do we take in when we breathe?

Dxygen

2. Why don't we run out of the important gases that we need to stay alive?

Because it'

Shoonlo

m the

ON

everywhere

#### Gizmo Warm-up

In the Plants and Snails Gizmo, each of the test tubes contains water and a small amount of **bromothymol blue** (BTB). BTB is a chemical **indicator**. An indicator changes color when the chemicals in the water change.

 With the lights set to on, drag a snail into one test tube and a plant into another. Press Play ( ). After 24 hours, what is the color of each tube?

Digo turned yellow





- Select Show oxygen and CO<sub>2</sub> values. Place the O<sub>2</sub>/CO<sub>2</sub> probe in each tube. The probe shows the levels of two gases, oxygen (O<sub>2</sub>) and carbon dioxide (CO<sub>2</sub>), in the tubes. We call these amounts the gas levels.

  - B. When the water turns yellow, which gas is most common? Co-

u Edinas amonio



and cos

# **Plants And Snails Gizmo Answer Key**

**L** Cohen

**Plants And Snails Gizmo Answer Key:** 

Unveiling the Magic of Words: A Report on "Plants And Snails Gizmo Answer Key"

In some sort of defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their power to kindle emotions, provoke contemplation, and ignite transformative change is actually awe-inspiring. Enter the realm of "**Plants And Snails Gizmo Answer Key**," a mesmerizing literary masterpiece penned by a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve into the book is central themes, examine its distinctive writing style, and assess its profound affect the souls of its readers.

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