

# Observation Challenge!

Name \_\_\_\_\_

Search your home or yard to find examples for each scientific characteristic listed below. Write a description of your observation to show how it relates to the characteristic.

**NOTE:** Each item you list can be used only once and must be something you have observed personally.

<b>BIOLOGY</b>	<b>CHEMISTRY</b>	<b>PHYSICS</b>	<b>EARTH SCIENCE</b>
<b>Biotic</b>	<b>Mixture</b>	<b>ROYGBIV</b>	<b>Weathering &amp; Erosion</b>
<b>Abiotic</b>	<b>Compound</b>	<b>Reflection</b>	<b>Erosion</b>
<b>Food Chain</b>	<b>Mixture of Compounds</b>	<b>Gravity</b>	<b>Rock Cycle</b>
<b>Symbiosis</b>	<b>Chemical Reaction</b>	<b>Newton's 1st Law</b>	<b>Water Cycle</b>
<b>Predation</b>	<b>Oxidation</b>	<b>Newton's 3<sup>rd</sup> Law</b>	<b>Carbon Cycle</b>

# Observation Challenge 2

Name \_\_\_\_\_

Search your home or yard to find examples of objects or phenomena that would be studied by each scientist. Write a description to show how it relates to the terms.

**NOTE:** Each objects or phenomena you list can be used only once and must be something you have observed personally.

<b>Biology</b>	<b>Physics &amp; Chemistry</b>	<b>Earth Science</b>
<b>Botanist</b>	<b>Chemist</b>	<b>Geologist</b>
<b>Zoologist</b>	<b>Physicist</b>	<b>Meteorologist</b>
<b>Ecologist</b>	<b>Engineer</b>	<b>Hydrologist</b>
<b>Entomologist</b>	<b>Biochemist</b>	<b>Mineralogist</b>
<b>Herpetologist</b>	<b>Astronomer</b>	<b>Agronomist</b>

# Observation Challenge 3

Name \_\_\_\_\_

It's your turn to create an observation challenge. Write a scientific characteristic in each box for each branch of science. Challenge your family to complete the chart.

**NOTE:** Each item that is listed can be used only once and must be something your family has observed personally.

BIOLOGY	CHEMISTRY	PHYSICS	EARTH SCIENCE