

S U M M A R I E S

INVESTIGATION 1: Properties of Solids

In Investigation One, you explored solids and their properties. During this Investigation, you:

1. looked at solids to determine their color and shape.
2. felt solids to determine their texture and weight.
3. recorded your data in a table.

Through these experiments, you found that:

1. solids have more than one property.
2. properties can describe one or more solids.
3. solids have properties that are both different and similar to other solids.

INVESTIGATION 2: Comparing Properties of Solids

In Investigation Two, you continued to explore solids and their properties. During this Investigation, you:

1. tested whether or not a solid was attracted to a magnet.
2. tested the ability of solids to float or sink in a beaker of water.

Through these experiments, you found that:

1. most solids that are made of metal are attracted to a magnet.
2. solids that are not made of metal are not attracted to a magnet.
3. some solids float and some solids sink in water.
4. solids have more than one property.

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INVESTIGATION 3: Properties of Liquids

In Investigation Three, you explored liquids and their properties. During this Investigation, you:

1. used your sense of sight to observe the color of six different liquids and how they pour.
2. used your sense of smell to observe the odor of six different liquids.
3. used your sense of touch to observe the wetness and texture of six different liquids.

Through these experiments, you found that:

1. all liquids tested took the shape of their container.
2. all liquids tested were wet.
3. all liquids tested poured smoothly between containers.
4. liquids have more than one property.

INVESTIGATION 4: Comparing Properties of Liquids

In Investigation Four, you continued to explore liquids and their properties. During this Investigation, you:

1. combined water and cherry juice, water and maple syrup, and water and vegetable oil to see if they mixed.
2. tested if other liquids mixed.

Through these experiments, you found that:

1. some liquids mix with water and some do not mix with water.
2. a property of liquids is if they mix with other liquids.

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INVESTIGATION 5: Comparing Solids and Liquids

In Investigation Five, you compared solids, liquids, and their properties. During this Investigation, you:

1. compared whether or not solids and liquids take the shape of their container.
2. compared whether or not solids and liquids pour into another container.
3. compared whether or not solids and liquids are wet.
4. compared whether or not solids and liquids float in water.

Through these experiments, you found that:

1. liquids share three properties: all pour smoothly, take the shape of a container, and are wet.
2. if something does not have all three properties of a liquid, it is likely a solid.