

# OBSERVABLE PROPERTIES

In this Material Sorting and Classification Investigation students will examine a variety of objects and materials, using their senses to observe objects' properties.

## INSTRUCTIONS:

**STEP 1:** Use your eyes to observe color and shape, your hands to feel texture and hardness, and your eyes for transparency (whether you can see through it).

**STEP 2:** Classify the objects.

Group by texture: How does snow feel? Is it powdery, clumpy, or soft? How does ice feel—slippery, smooth, or rough?

Temperature: Are snow and ice cold to the touch?

Transparency: Can you see through the ice? Is snow opaque or clear?

Effects of salt: Sprinkle salt on ice or snow and observe how it changes.

Does it melt faster? Why?

**Materials**

**Snow and ice**

## WHY IT'S A GOOD INVESTIGATION

This activity encourages the use of multiple senses to explore and understand the world. By grouping objects or organisms, students can see

patterns and relationships in nature. This understanding is essential for grasping concepts like biodiversity, ecosystems, and evolutionary relationships.

