

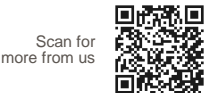
SCIENCE · GRADE 3

States of Matter Experiments

Three classroom mini-investigations

Three experiments to run

<p>1 — Ice cube melting race</p> <p>Equipment: 4 ice cubes, 4 cups, water, salt, sand, plain. Place one cube in each cup with no other material; one in water; one rolled in salt; one on sand. Predict — which melts first? Time them. Discuss why.</p>	<p>2 — Freezing time</p> <p>Equipment: 2 cups of water (one with salt dissolved in), freezer. Place both in the freezer and check every 15 minutes. Which freezes first? What does this tell you about salt and water?</p>
<p>3 — Where does the puddle go?</p> <p>Make two equal-sized puddles. Cover one with a plate; leave the other uncovered. Check after one hour. Which has shrunk more? Explain in terms of evaporation.</p>	



Record your results

Draw a table. Columns: Experiment, Prediction, What I observed, Explanation. Fill in for each of the three experiments.

