
















# Technology-Connected Lesson Plan

<b>Title:</b>	<b>Properties of Matter</b>
Grade Levels:	1 - 4
Curriculum Areas:	🖥️ Science
Measurable Objectives:	<ul style="list-style-type: none"> <li>🖥️ TLW identify 3 properties of matter.</li> <li>🖥️ TLW categorize properties of matter.</li> </ul>
Louisiana Comprehensive Curriculum	🖥️ <b>Grade 3 Unit 1 Activity 7: Changing Matter (GLEs: 05b, 10, 26b, 33, 46)</b>
LA Content Standards:	<ul style="list-style-type: none"> <li>• 2 - Pose questions that can be answered by using students' own observations, scientific knowledge, and testable scientific investigations (SI-E-A1)</li> <li>• 18 - Compare and classify objects on properties determined through experimentation (e.g., ability to conduct electricity, tendency to float or sink in water) (PS-E-A1)</li> <li>• 22 - Investigate and explain conditions under which matter changes physical states: heating, freezing, evaporating, condensing, boiling (PS-E-A4)</li> </ul>
Technology Guidelines:	<p>Technology Problem-Solving and Decision-Making Tools (<i>Problem Solving Foundation Skill</i>)</p> <ul style="list-style-type: none"> <li>◆ Students employ technology for real world problem solving.</li> </ul> <p>Technology Productivity Tools (<i>Resource Access and Utilization Foundation Skill</i>)</p> <ul style="list-style-type: none"> <li>◆ Students use technology tools to enhance learning, increase productivity, and promote creativity</li> </ul>
Technology Connection:	<ul style="list-style-type: none"> <li>🖥️ Presentation Station</li> <li>🖥️ Internet</li> <li>🖥️ PowerPoint</li> <li>🖥️ <a href="http://www.abpishools.org.uk/resources/solids-liquids-gases/slg2.asp">http://www.abpishools.org.uk/resources/solids-liquids-gases/slg2.asp</a></li> <li>🖥️ <a href="http://www.bbc.co.uk/schools/scienceclips/ages/9_10/chan_ging_state_whatnext.shtml">http://www.bbc.co.uk/schools/scienceclips/ages/9_10/chan_ging_state_whatnext.shtml</a></li> </ul>

	<ul style="list-style-type: none"> <li> <a href="http://www.bbc.co.uk/schools/ks2bitesize/science/activities/gases.shtml">http://www.bbc.co.uk/schools/ks2bitesize/science/activities/gases.shtml</a></li> <li> <a href="http://www.gardenofpraise.com/matter.htm">http://www.gardenofpraise.com/matter.htm</a></li> </ul>
Procedures:	<ul style="list-style-type: none"> <li> The teacher will introduce the lesson by singing a matter song to the students. She will sing once and the class will sing along the second time. <a href="http://www.gardenofpraise.com/matter.htm">http://www.gardenofpraise.com/matter.htm</a></li> <li> TW explain to the students that they will be learning all about matter. TSW help the teacher fill out a circle map on everything they know about matter.</li> <li> TTW show the students a movie on the different states of matter. <a href="http://www.abpishools.org.uk/resources/solids-liquids-gases/slg2.asp">http://www.abpishools.org.uk/resources/solids-liquids-gases/slg2.asp</a></li> <li> TTW explain to the students that they will be identifying and classifying the states of matter on their own. TTW model for the students what is expected of them. They must complete the Matter PowerPoint Activity.</li> <li> Early finishers will go to <a href="http://www.bbc.co.uk/schools/ks2bitesize/science/activities/gases.shtml">http://www.bbc.co.uk/schools/ks2bitesize/science/activities/gases.shtml</a> and complete the online game.</li> <li> Teacher and students will add to the circle map everything new they learned about matter.</li> </ul>
Materials:	 Computers, Internet, PowerPoint, presentation station
Assessment:	<ul style="list-style-type: none"> <li> Teacher observation</li> <li> Completed Matter PPT activity</li> </ul>
Teacher's Name:	 Melissa M. Ryan
School:	 Champ Cooper/Tucker Elementary