



# Technology Integration Lesson

## Plainville Community Schools

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**LESSON TITLE:** Matter

**GRADE:** Third

**OBJECTIVE:** Students will be able to state the three states of matter, and give characteristics and an example of each.

**CURRICULUM CONNECTION:** 3.1 - Materials have properties that can be identified and described through the use of simple tests.

**MATERIALS:** Kidspiration, computer, printer, SmartBoard if available to demonstrate

**PROCEDURE:** (Read to students)

1. Today we're going to use Kidspiration to complete an activity on matter.
2. Open your third grade share folder.
3. Find the folder Technology Templates, Double click it.
4. Find the document that says 3-matter. Double click on it.
5. The first thing we need to do is put our names on our papers. Click on the names button. Type your first and last name in the box. When you finish click the OK button.
6. Look at your document. In each of the three green boxes you need to type one of the states of matter. For example, solid is one state of matter. In the first green box type the word solid.
7. Look at the two symbols linked to the solid state of matter. The first one is characteristics. In this symbol you will list three characteristics of a solid. Be sure to write using complete sentences. To type in this box double click your mouse inside the symbol, but underneath the word Characteristic. Your cursor should be flashing in the white text box. After you type a characteristic, hit the return key so the next characteristic starts on the next line. The text box will expand as you type, and the symbol will resize once you click off of it.
8. The other symbol linked to the solid state of matter is Example. Using the symbol pallet you will change this symbol to one that shows that state of matter. Remember that to change the symbol you need to click on it one time so it first has handles.
9. When you finish click on File and select Save As. Change your saving location to Documents. In the save as box type Matter. Click the blue save button.
10. Print your document. Click on file, select print. Click the blue print button.

**EXTENSION:** Students create a symbol linked to the example in each category. In this symbol they list other examples of that state of matter.

**EVALUATION:** Matter Rubric or other teacher created evaluation tool.



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### Third Grade Matter Assessment Rubric

	<b>Needs Improvement</b>	<b>Satisfactory</b>	<b>Great Job</b>
<b>Name</b>	I forgot to put my name on my paper. 1 pt.	I did not put both my first and last names, or I forgot to use capital letters. 3 pts.	My first and last names are on my paper, using capital letters. 5 pts.
<b>States of Matter</b>	Listed one or less state of matter. 8 pts.	Listed two states of matter. 15 pts.	Listed three states of matter. 25 pts.
<b>Characteristics</b>	Listed less than two correct characteristics for each state of matter. 8 pts.	Listed at least two correct characteristics for each state of matter, but not three for each one. 15 pts.	Listed three or more correct characteristics for each state of matter. 25 pts.
<b>Examples</b>	Used less than two correct answers. 8 pts.	Used two correct examples. 15 pts.	Used three correct examples. 25 pts.
<b>Capitalization</b>	I did not use capital letters and ending punctuation. 8 pts.	I used some capital letters and ending punctuation. 15 pts.	I used capital letters and ending punctuation properly. 5 pts.
<b>Spelling (grade level appropriate)</b>	Very few correctly spelled words. 1 pt.	Some of my spelling is correct. 3 pts	Most of my spelling is correct. 5 pts
<b>Effort</b>	This is not my best effort. 1 pt.	I could have tried a little harder. 5 pts	I gave this project my best effort at all times. 10 pts