

Name Elizabeth Hay

## Lesson Plan Template

Lesson Segment Focus: Structure and Properties of Matter Lesson 1 of 3

Course & topic addressed Science & Properties of Matter Date 10/18/18 Grade 2

### Student Outcomes

Specific learning objectives for this lesson.	Students will gain a deeper understanding of the three types of matter and their similarities and differences
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	Students will need to know that there are three types of matter, the three types of matter are different, and how to work google slides
Knowledge of students background (personal, cultural, or community assets)	Be careful of examples I use, so some examples might not be appropriate for some cultures.

### State Academic Content Standards

List the state academic content standards with which this lesson is aligned. Include state abbreviation and number & text of the standard.	<b>PS1.A: Structure and Properties of Matter</b> <ul style="list-style-type: none"><li>• Different kinds of matter exist and many of them can be either solid or liquid, depending on temperature. Matter can be described and classified by its observable properties. (2-PS1-1)</li><li>• Different properties are suited to different purposes. (2-PS1-2, 2-PS1-3)</li><li>• A great variety of objects can be built up from a small set of pieces. (2-PS1-3)</li></ul>
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### Academic Language Support

What planned instructional supports might you use to assist students to understand key academic language to express and develop their content learning? What will you do to provide varying supports for students at different levels of academic language development?	Some planned instructional supports I might use would be google docs and drawing. Students will have to draw and show their understanding by drawing the three different forms of matter. Supports I might provide for students at different levels is give a few examples to get students minds thinking or I might have some pages that have a little extra start.
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## Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	Solid Liquid Gas Temperature Properties Matter
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## Materials

Materials needed by teacher for this lesson.	iPad/Computers (Google Drawings) Science book Stylus Scrap Paper
Materials needed by students for this lesson.	Imagination Pencil

## Lesson Timeline with Instructional Strategies & Learning Tasks (**This should be VERY DETAILED**)

Amount of Time	Teaching & Learning Activities	Describe what YOU (teacher) will be doing and/or what STUDENTS will be doing during this part of the lesson.
5-7 minutes	<b>Introduction:</b>	As an introduction to this lesson I will ask students if they know how many types of matter there are and how they are different. Then I will explain that there are three and that they are different.
45 minutes	<b>Instruction:</b>	<ol style="list-style-type: none"><li>1. Partner students up into predetermined groups of two</li><li>2. Have them get on the computers and log in to google and connect to google drive</li><li>3. Explain that students will need to draw, differentiate, and give examples of the three types of matter</li></ol>

Amount of Time	Teaching & Learning Activities	Describe what YOU (teacher) will be doing and/or what STUDENTS will be doing during this part of the lesson.
		<p>4. They will work on google drawings to create an informational graphic for the three states of matter</p> <p>The first 10 minutes is getting them set up and explain what they need to do The last 35 minutes are for students to research and work on their infographic</p>
5-10 minutes	<b>Closure:</b>	<p>To close I will ask students questions.</p> <ul style="list-style-type: none"> <li>• What is different between a solid and liquid?</li> <li>• What is an example of a gas?</li> </ul> <p>We will then talk about how these are used in everyday life.</p>

#### Accommodations/Modifications

<p>How might I modify instruction for:</p> <p>Remediation? Intervention? IEP/504? LEP/ESL?</p>	<ul style="list-style-type: none"> <li>• Remediation: Have a template for their infographic set up where all they have to do is put in the data and design</li> <li>• ESL's: Partner them with a strong reader that can help explain information easier</li> <li>• IEP: Depending on the IEP just make sure to factor in their needs</li> </ul>
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#### Differentiation:

<p>How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met?</p>	<p>This lesson allows students to work at their pace and meet their needs. By giving students just the basics, I am letting them design and put as much information they want into it. To help students with greater needs I will probably have a template and for students with less need I will let design and research as they wish.</p>
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#### Assessments: Formative and/or Summative

<p>Describe the tools/procedures that will be used in this lesson to monitor students' learning of the lesson objective/s (include type of assessment &amp; what is assessed).</p>	<input type="checkbox"/> Formative / <input type="checkbox"/> Summative	
	<input type="checkbox"/> Formative / <input type="checkbox"/> Summative	
	<input type="checkbox"/> Formative / <input type="checkbox"/> Summative	

#### Research/Theory

Identify theories or research that supports the approach you used.	
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**Lesson Reflection/Evaluation**

What went well? What changes should be made? How will I use assessment data for next steps?	<i>TO BE FILLED IN AFTER TEACHING</i>
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Include supporting material such as slides, pictures, copy of textbook, and handouts for any activities students will be using as part of your lesson.

\*adapted from: <http://webcache.googleusercontent.com/search?q=cache:EsQcNWuG1ZoJ:web.mnstate.edu/harms/StudentTeachers/edTPA-LessonPlan.doc+&cd=2&hl=en&ct=clnk&gl=us>; <http://www.moreheadstate.edu/getmedia/ed3fd026-939f-4a47-a938-29c06d74ca01/Lesson-Plan-and-Reflections.aspx>; <http://www.mcneese.edu/f/c/9cb690d2/Lesson%20Plan%20Rubric%20Aligned%20with%20InTASC.docx>; <https://www.uwsp.edu/education/Documents/edTPA/Resource12.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/Resource11.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/Resource11a.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/LessonPlanTemplateSOE.docx>; <https://www.uwsp.edu/education/Documents/edTPA/SpecEdLessonPlanGuide.docx>; <https://www.uwsp.edu/education/Documents/edTPA/SpecEdLessonPlanTemplate.docx>