

Name Katy King

## Lesson Plan Template

Lesson Segment Focus \_\_\_\_\_

Lesson 1 of 1

Course & topic addressed Ratios and Proportional

Date 4/18/19 Grade 6<sup>th</sup>

### Student Outcomes

Specific learning objectives for this lesson.	Students will distinguish the difference between ratios and proportions. Students will collect information on ratios and be able to assess their understanding. Students will understand how ratios can be used for real-world situations.
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	Students have worked with fractions so they understand the concept/point of ratios.
Knowledge of students background (personal, cultural, or community assets)	

### 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>AR.Math.Content.6.RP.A.1—Understand the concept of a <i>ratio</i> and use <i>ratio</i> language to describe a <i>ratio</i> relationship between two quantities.</b> <b>AR.Math.Content.6.RP.A.3—Use <i>ratio</i> and rate reasoning to solve real-world and mathematical problems (e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations).</b>
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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?	I will create a word wall with the key vocabulary on it. I will put the word and then a definition with it and a picture. Students will have access to the word wall throughout the lesson to reference to if they get stuck on anything. Also, there are plenty of resources for them on the padlet if they get stuck on anything.
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### Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	<ul style="list-style-type: none"> <li>• <b>Ratio</b></li> <li>• <b>Proportion</b></li> <li>• <b>Real-World Situations</b></li> </ul>
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### Materials

Materials needed by teacher for <b>this lesson.</b>	<ul style="list-style-type: none"> <li>• SmartBoard</li> <li>• Padlet(s)</li> <li>• Exit Slip</li> </ul>
Materials needed by students for <b>this lesson.</b>	<ul style="list-style-type: none"> <li>• Digital Devices</li> <li>• Pencil</li> </ul>

### 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.
5-10 mins.	<u>Introduction:</u> Teacher Presentation	During the introduction, I will inform students that we will be learning about ratios. I will have the students form groups of 3 or 4 with the people around them. I will pull up the padlet on the SmartBoard and I will have already shared the link to it on Google Classroom. Each student will go their account so that they can access the padlet. Here is the link to the padlet students will be working through for this lesson: <a href="https://padlet.com/katy_king/dw5f68xss064">https://padlet.com/katy_king/dw5f68xss064</a>
30 mins.	<u>Instruction:</u> Padlet Experiment	Using their iPads or computers, students will work through the padlet with their group. They will have to work through videos, practicing problems, reading articles, and a HyperDoc. Students can work together quietly, but they all must complete the padlet on their digital device. I will be available for any questions students may have while working through the padlet.

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 mins.	<b>Closure:</b> Exit Slip	Students will be given an exit slip. They will be asked what is something they learned, something they found interesting, something they are still confused about, and if they have any other questions.

**Accommodations/Modifications**

How might I modify instruction for:  Remediation? Intervention? IEP/504? LEP/ESL?	I will make a mini word wall so students can have that resource right next to them at all times.
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**Differentiation:**

How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met?	<b>Students will be watching videos, reading articles, and practicing problems. There are lots of interactive things in this padlet.</b>
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**Assessments: Formative and/or Summative**

Describe the tools/procedures that will be used in this lesson to monitor students' learning of the lesson objective/s (include type of assessment & what is assessed).	<input type="checkbox"/> Formative / <input type="checkbox"/> Summative	Formative Assessment—Exit Slip
	<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/cd3fd026-939f-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>