

Lesson Plan Template

Lesson Segment Focus Multiplication and DivisionLesson 1 of 4Course & topic addressed MathematicsDate 10/10/19 Grade 4

Student Outcomes

Specific learning objectives for this lesson.	Students should be able to comfortably and efficiently multiply and divide with numbers up to 100 and be able to explain how the operations are related (division is the inverse operation of multiplication)
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	This lesson would be suitable for the beginning of 4th grade because while this standard is technically for 3rd grade, this lesson is reviewing and summarizing this standard so that the students can build off it as they begin learning to multiply and divide to solve word problems
Knowledge of students background (personal, cultural, or community assets)	NA

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.	AR.Math.Content.3.OA.C.7: Using computational fluency, multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that $8 \times 5 = 40$, one know $40 \div 5 = 8$) or properties of operations AR.Math.Content.4.OA.A.2 • Multiply or divide to solve word problems involving multiplicative comparison
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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?	BrainPop videos on multiplication and division
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Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	Multiply, divide, inverse, comparison
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Materials

Materials needed by teacher for this lesson.	Projector, BrainPop, worksheets
Materials needed by students for this lesson.	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	<u>Introduction:</u>	I will begin the lesson by having the students recall what they have learned about multiplication and division from 3rd grade, assuming that many of them have forgotten a lot of content during the summer.
30	<u>Instruction:</u>	I will then play a video on BrainPop for both multiplication and division and we will take the quiz together as a class and allow students to raise their hand to answer the problem. If they get it right they get something like a piece of candy or a sticker. After, I will pass out the worksheets. The students will use the worksheet to solve the multiplication and division problems on a trail and work their way up to the end of the paper. The worksheet is meant to be like a board game. Students can work in pairs if they want to compete against one another to see who can get to the finish line first, or they can work alone.
5	<u>Closure:</u>	I will then show the students a small example of what we will begin learning the next lesson, multiplying and dividing from word sentences, and allow any student that wants to try to get the answer right.