

Math Lesson Plan

Teacher: Abby Slippen
 Lesson Title: MULTIPLY DECIMALS AND WHOLE NUMBERS
 Grade level/ Content Area: 5th Grade Math
 Length of Lesson: 35-40 minutes

Content Standards	6.NS.B.3 Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.
Learning Objectives	- Students can use the standard algorithm for multiplication to multiply a decimal and whole number.
Introduction/ Anticipatory Set	● This is day 2 of learning how to multiply decimals and whole numbers using the standard algorithm. ● Students have basic knowledge of using the standard algorithm to multiply decimals and whole numbers. At this point some students need to be retaught how to multiply decimals, some need more practice, and some students understand it and need a challenge. 1. To begin whole group instruction, students will solve two problems from their math workbooks. The teacher will solve these two problems on the board with only help from the students, with as little prompting as possible. Students will follow along and write in their math workbooks.
Teaching and learning 20-25 minutes ● Describe what students will do and what you will do/say/ask during main part of lesson, consider diverse needs of classroom.	Students will be assigned one of three groups. All of the students will listen to the directions for all three groups. They must do the work assignment from their group first, and then choose another if time allows. Students will be given access to this document with all links and directions. “Independent Work Direction Sheet” ALL GROUPS https://docs.google.com/document/d/1ZiCwIBDKZIIpNc71S8YKzbBZjya-Gb9tj6JeZEcqeqE/edit?usp=sharing Group A (Re-teach group) https://www.youtube.com/watch?v=tsOibhsgYoQ 1. Watch the youtube video and follow along by taking notes. 2. To take notes for the two problems find a blank page in the back of your math notebook. 3. The title of the page should say “Math with Mr. J Video

	Multiplying Whole Numbers and Decimals.” 4. Pause along the way as many times as you need in order to take down all the notes. Group B (Continued practice group): Practice and riddle worksheet https://docs.google.com/document/d/1Y8BsnJ_jXdPckrCJDnkRjUQoh4fPyefUHvGU0ozK03o/edit?usp=sharing 1. Complete the multiplication problems and then complete the riddle. Group C (Challenge group): Real world application worksheet https://docs.google.com/document/d/1n_snljZ6tjr4kbmh11K3d7yXwyS9NmLVbJ0H7k4GLo/edit?usp=sharing 1. Complete the handout with word problems. Hard copies are by the blackboard in the front of the room.
Differentiation and Supports	Differentiation Strategies: Students are given independent guided math activities at their level. They are then given a choice after they have completed their assignment to choose from two other activities. - Students who need audio/visual cues will be assigned the video or “Group A’s” assignment. - Reading/ Writing modalities are supported by work for groups B and C. Students who speak Ukrainian or Russian will receive all handouts in both English and their home language.
Closure	Each student will complete an exit ticket reflecting on how they did in their group and what they still have questions about. They will receive half a piece of looseleaf and answer the following questions. 1. What is one thing that makes more sense to me? 2. What is one thing I’m still confused about?
Assessment	Formative Assessment: whole group introduction work, independent note taking. Summative assessment: Exit ticket, (small check in quiz on Friday, one day after this lesson)
Materials	- Chrome books - Headphones - Math notebooks - Aquos board

	- Directions sheet - Pencils
--	--