

Your committee members will review and evaluate your performance on this task using Standard 1: The teacher demonstrates applied content knowledge and Standard 2: The teacher designs and plans instruction.

Component I: Classroom Teaching

Task A-2: Lesson Plan

Intern Name: David Heun

Date: 2/3-2/6 2014

Cycle:

of Students: 6

Age/Grade Level: 6-10th grade

Content Area: Math

Unit Title: Decimals

Lesson Title: Adding and Subtracting Decimals

Lesson Alignment to Unit

Respond to the following items:

- a) Identify essential questions and/or unit objective(s) addressed by this lesson.
I can: add and subtract multi-digit decimals using the standard algorithm.

Essential Questions:

- Can I explain the importance of understanding decimals and place value in real world applications?
- Can I organize double digit decimal numbers in order to solve addition problems?
- Can I organize double digit decimal numbers in order to solve subtraction problems?
- Can I solve mixed addition/subtraction double digit decimal numbers?

- b) Connect the objectives to the state curriculum documents, i.e., Program of Studies, Kentucky Core Content, and/or Kentucky Core Academic Standards.
cc.6.NS.3 - Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.

- c) Describe students' prior knowledge or focus of the previous learning.

Students have background from previous math classes.

Daily automaticity drill and practice

KHAN Academy enrichment.

Last week, students took a math assessment to determine basic skills and current math knowledge. Students were also introduced to Math Mastery skills workbooks for individual practice and mastery. Students will be introduced to understanding and solving numbers with decimals and the relation to real world application.

- d) Describe summative assessment(s) for this particular unit and how lessons in this unit contribute to the summative assessment.
Summative assessment is to be determined by principal's approval. Each learning target in unit will have three questions on the summative assessment.

- e) Describe the characteristics of your students identified in Task A-1 who will require differentiated instruction to meet their diverse needs impacting instructional planning in this lesson of the unit.
Students are placed in an alternative school due to their poor performances at their home school. Most students are EBD. Students are in whole group for

<p>lecture and rotate between two stations. One station delivers content, while the other station provides data collection, and drill/practice with Math Mastery Notebook.</p> <p>f) Pre-Assessment: Describe your analysis of pre-assessment data used in developing lesson objectives/learning targets (Describe how you will trigger prior knowledge): Students conducted MAP testing earlier in the school year that showcases their math levels on different skills. According to this data, each student scored well below grade level with highest level being 5th grade. Solving addition/subtraction/multiplication/division problems involving decimals are directly pulled from 6th grade core content level. This past week students learned about place value and were introduced to adding and subtracting decimals.</p>		
Lesson Objectives/ Learning Targets	Assessment	Instructional Strategy/Activity
<p>Objective/target: I can: show informally that every number has a decimal expansion.</p>	<p>Assessment description: BR: Real-world decimal word problems X5 Exit Slip X5 Automaticity X5 Decimal Operations worksheet Adding Decimal Task cards practice Decimal Add/Sub Menu Activity Assessment Accommodations: Not at this time.</p>	<p>Strategy/Activity: Four Corners ACT Practice Bell Ringers KHAN Academy Begin Math Notebook for notes and guided practice Understanding Decimal Operation Adding Decimals, task cards/Scavenger hunt Activity Adaptations: None at this time.</p> <p>Media/technologies/resources: Smart Board KHAN Clip Art Music from computer</p>
<p>Objective/target:</p>	<p>Assessment description: Assessment Accommodations:</p>	<p>Strategy/Activity: Activity Adaptations:</p>

	Media/technologies/resources:	
<p>Procedures: Describe the sequence of strategies and activities you will use to engage students and accomplish your objectives. Within this sequence, describe how the differentiated strategies will meet individual student needs and diverse learners in your plan. (Use this section to outline the who, what, when, and where of the instructional strategies and activities.)</p>	<p>7:40-7:46- Decimal real-world Word problems. 7:47-7:59- Bell Ringer Review 8:00-8:12- Stations</p> <p>Station 1: Automaticity, student grading and filing, and student goal setting). Station 2: With Mr. Heun/one on one instruction</p> <p>Monday: No School</p> <p>Tuesday: Using our new math notebooks/workbooks students will begin to glue Order of Decimal Operations into the first page. Teacher will go through the rules that are to be followed when solving algorithms involving decimals. Students will then practice several problems in their notebooks using the decimal Operations worksheet as a guide.</p> <p>Wednesday: Teacher will place task cards around the room creating a scavenger hunt for the students to complete addition decimal problems. There will be 16 task cards around the room. Students will have the opportunity to move around the room and work at their own pace. Students will start staggered so that each student can begin immediately on the problems.</p> <p>Thursday: Students will be introduced to subtracting decimal numbers. Teacher will guide the class through several problems on the white board with classroom participation. Students will begin practice on subtracting decimals by completing 25 double digit subtraction problems with little to no help from the teacher.</p> <p>Friday- Students will work with a partner to complete the Decimal Addition and Subtraction Menu Activity. Students will be paired based on ability. The teacher will partner with one of the students to provide one on one instruction and support.</p>	<p>8.13-8.26- Station Switch if applicable</p> <p>8.27-8.30- Exit Slip</p> <p>Monday- No school</p> <p>Tuesday- Introduce math notebook/ discuss decimal operations with graphic worksheet</p> <p>Wednesday- Adding Decimal Scavenger hunt</p> <p>Thursday- Introduction into subtracting decimals</p> <p>Friday- Decimal Subtraction and Addition Menu Activity</p>

Essential vocabulary: Ones; tenths; hundredths; thousandths; place value; rational; irrational; decimal expansion; rounding.
