

SD148 CCSS Summer Portfolio: Math 6th-8th Grade

Activity 9: Create a Unit

Goals:

- The participant will create a unit using the Common Core State Standards for their grade level

Purpose

- To create a draft of a unit that the participant will use as a basis for discussion at grade level meetings
- To create a unit that the participant will pilot in their classroom this year

Procedure:

1. Using all the information gathered in the previous activities, create a draft of a unit at your grade level. Complete the graphic organizer (or create your own) including the Grade Level, Unit Name/Description, CCSS Math Content Standards, ELA reading Informational Text Standards in this unit, Objectives for the Unit (Big Ideas), a summary of what the student will know after completing this unit, a summary of what the student will do in this unit, Use of Resources, the connection to the standards of mathematical practice, and the formative and summative assessments that will be used.
2. The grade level for which this unit is written
3. Give the unit a name or a description
4. The CCSS Math Content Standards may be abbreviated
5. ELA Reading Informational Text Standard may be abbreviated
6. The Objectives (Big Ideas) are the key ideas and concepts summarized
7. What the students will know is addressed on the lower levels of Blooms taxonomy. Use Bloom to guide your thinking
8. What students will do is the upper end of Bloom's taxonomy. Use this to guide your thinking.
9. Use Resources are the specific ways the resources will be used for this unit. Ex – “textbook chapter 3” or “use spinners for ratios”
10. Connect this unit to the Standards for Mathematical Practice from activity 1 on p. 6-8.
11. Address the formative and summative assessments that will be used in this unit

Timeline:

Create a unit for your grade level

3 hours

SD148 CCSS Summer Portfolio: Math 6th-8th Grade
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1. Course: Math – Grade: _____
2. Unit Name/Description: _____
3. Math Content Standards in this unit:

4. ELA Reading Informational Text Standard:

By the end of this unit students will be able to:

Objectives (Big Ideas):

By the end of this unit students will be able to:

| Know: | Do: |
|--------------------------|-----|
| | |
| Use of Resources: | |

SD148 CCSS Summer Portfolio: Math 6th-8th Grade
Activity 9: Create a Unit

How does this unit connect to the Standards for Mathematical Practice?

| Standard for Mathematical Practice | Connection to unit | Standard for Mathematical Practice | Connection to unit |
|---|---------------------------|---|---------------------------|
| Make sense of problems and persevere in solving them | | Use appropriate tools strategically | |
| Reason abstractly and quantitatively | | Attend to precision | |
| Construct viable arguments and critique the reasoning of others | | Look for and make use of structure | |
| Model with mathematics | | Look for and express regularity in repeated reasoning | |

SD148 CCSS Summer Portfolio: Math 6th-8th Grade
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What are the formative and summative assessments that will be used?

Other Notes: