

**SD148 CCSS Summer Portfolio: Math 6<sup>t</sup>-8<sup>th</sup> Grade**  
**Activity 4: Connecting Standards for Mathematical Practices**  
**To Grade Level Content Standards and Developing Student Friendly Language**

Goals

- The participants will develop student friendly language for one domain of the content standards at their grade level
- The participant will connect the standards for mathematical practice to all of the standards in one domain of the grade level content standards

Purpose

- To develop student friendly language for the content standards
- To revisit the Standards for Mathematical Practice
- To connect the Standards for Mathematical Practice to the Content Standards

Procedure:

1. Choose one domain at your grade level to use for this activity. Use the resources from activity 3 to help you.
  - a. 6<sup>th</sup> grade on p.41-45
  - b. 7<sup>th</sup> grade on p.47-51
  - c. 8<sup>th</sup> grade on p. 53-56You must choose a domain with at least three standards. **Answer questions 1-3 on the next page.**
2. Using the short hand method, name the standards you will be using for this activity. For example, if you have chosen grade 6 domain Ratios and Proportional Relationships, then standards you would use are 6.RP.1, 6.RP.2, 6.RP.3., 6.RP.3.a, 6.RP.3.b, 6.RP.3.c, and 6.RP.3.d. Complete the **Grade Level Standard** column on the graphic organizer
3. Develop student friendly language for each of the standards in the domain you have chosen. Be sure to include any sub-categories of the standard as a separate row on the graphic organizer. Translate the standard into student friendly language. What would you say/post in your classroom to explain the essence of the standard you are teaching to students? Complete the **Student Friendly Language** column on the graphic organizer
4. Read the additional information on the Standards for Mathematical Practice. Determine how the standards of mathematical practice could be incorporated into each standard in this domain. Complete the **Standards for Mathematical Practice** column on the graphic organizer
5. Note: You may not use all of the rows of this graphic organizer depending on the number of standards in the domain you have chosen.
6. Place the completed graphic organizer in your portfolio

Timeline:

Read the Grade Level Content Standards, read the information on the Standards for Mathematical Practice, and complete the graphic organizer 3 hours

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**To Grade Level Content Standards and to Develop Student Friendly Language**

- 1) What grade are you teaching? \_\_\_\_\_
- 2) At this grade level, what domain have you chosen? (Remember you must choose a domain with at least three standards) \_\_\_\_\_
- 3) How many standards are in the domain you picked? (Be sure to include all sub-categories of the standards also) \_\_\_\_\_

<b>Grade Level Standard</b> (use the short hand system, ex: 6.SP.5.a)	<b>Student Friendly Language</b> What would you say/post in your classroom to explain the essence of the standard you are teaching to students?	<b>Standards for Mathematical Practice</b> Which practices should students be displaying to meet this standard?
Standard _____		
Standard _____		

<b>Grade Level Standard(use the short hand system, ex: 6.SP.5.a)</b>	<b>Student Friendly Language</b> What would you say/post in your classroom to explain the essence of the standard you are teaching to students?	<b>Standards for Mathematical Practice</b> Which practices should students be displaying to meet this standard?
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