

Guidelines for Assignment #3: Professional Standards from National and State Organizations

Purpose: to become familiar with the organizational origins of the mathematics you will be teaching in the classroom.

Format of assignment: Submitted in Word document, 12 point font, double spaced. May include bulleted items. ~ Three pages in length~

Topics to include:

(1) go to the Common Core website

<http://www.corestandards.org/Math>

- * read, review, and report about the 6 topics for High School Mathematics (left column)
- * go to the bottom of the middle text and link to "8 Standards for Mathematical Practice"
- * read, review and report about those 8 Standards. Which one seems the most important, which one the least important? Why?

From this framework the Utah Common Core State Standards for Mathematics (CCSSM) emerged.

(2) go to Utah's Secondary math core page:

<http://schools.utah.gov/CURR/mathsec/Core.aspx>

How many Secondary Math courses are listed?

Which one(s) would you prefer to teach?

What is the difference between Secondary Mathematics II and Secondary Mathematics III ?

Pretend you will be teaching Secondary Mathematics I (click on SM I), how many Units (and which topics) will you teach?

What did you find in regard to the Secondary Math I textbook?