



Maryland Common Core State Curriculum Framework Exploration of Grade 8



Purpose:

Participants will become familiar with the structure and content of the Maryland Common Core State Curriculum Framework documents.

Task:

1. Search your assigned document for the answers to the provided questions.
2. Compare answers to questions and share general impressions with your group members.
3. Provide an overview of your assigned framework to the members of 2nd group.

Page #	Question	Response
Cover	1. From which document did Maryland adapt the framework document?	The Common Core State Standards for Mathematics
4	2. What does this document not provide?	Does not define the intervention methods or materials necessary to support students with special needs (e.g., well above or below grade level, ELLs, special education).
5	3. What is the purpose of the <i>Essential Skills and Knowledge</i> statements?	Essential Skills and Knowledge statements provide language to help teachers develop common understandings and valuable insights into what a student must know and be able to do to demonstrate proficiency with each standard. Maryland mathematics educators thoroughly reviewed the standards and, as needed, provided statements intended to help teachers comprehend the full intent of each standard. The wording of some standards is so clear, however, that only partial support or no additional support seems necessary.
6	4. What is meant by the term "productive disposition"?	Habitual inclination to see mathematics as sensible, useful, and worthwhile, coupled with a belief in diligence and one's own efficacy.
5	5. What is the significance of the following as used in this document? a. red bold font b. blue bold font c. green bold font	Red bold - items unique to the Maryland State Common Core Curriculum frameworks Blue bold - words/phrases that are linked to clarifications Green bold - standard codes that reference other standards in the same grade or in other grades, and are hot linked to a full description
11-22	6. What information is found in the right-hand column of the tables shown on the indicated pages?	The Standards for Mathematical Practice
11-22	7. What information is found in the left-hand column of the tables found on the indicated pages?	The cluster statement that sets out the "big ideas" shared by the standards grouped in each cluster
11-22	8. What information is found in the center column of the tables found on the indicated pages?	The standards and <i>Essential Skills and Knowledge</i> statements.
11-22	9. What information is found in the first row of the tables found on the indicated pages?	The Domain title

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14 & 21	10. What is the difference in focus between 8.EE.7b and 8.SP.3?	Not much - both involve solving linear equations; 8.EE.7b includes distributive property and collecting like terms; 8.SP.3 uses linear equations to represent bivariate measurement data
14	11. According to the <i>Essential Skills and Knowledge</i> statement, what standard provides students with prior experience in support of 8.EE.7a?	7.EE.4
20	12. What are the <i>Essential Skills and Knowledge</i> for 8.G.9?	They are the same as stated in the Standard: know the volume formulas for cones, cylinders, and spheres; use the formulas to solve real-world and mathematical problems.
16	13. What is the difference in focus between 8.F.1 and 8.F.3?	Both focus on characteristics of a function, but 8.F.3 explores the differences/similarities of linear versus non-linear functions
19	14. In 8.G.3, what do the terms "image", "pre-image", and "algebraic rules of transformations" have in common?	They will be hot-linked to definitions and additional information
5	15. What does the Common Core State Standards document NOT do for Mathematics?	Conveys neither the exact order in which the standards within a domain will be taught nor the length of time devoted to the study of the content.
41-56	16. Which domain(s) from grade 8 are also in grade 6 and grade 7?	8 and 6: NS, EE, G, SP 8 and 7: NS, EE, G, SP
41-56	17. Which domain(s) are in grade 8, but are NOT in grade 6? Or NOT in grade 7?	F is in 8 but not in 6 or in 7 RP is in 6 and in 7 but not in 8