A Treasure Hunt through the Common Core State Standards for Mathematics and Appendix A

Directions: Knowing where to find information is just as important as knowing the information. A question can be answered easily and effectively when one knows how to use the available tools. Using the Common Core State Standards in Mathematics and Appendix A, search with others at your table (in groups of 2, 3, or 4) to navigate through these new documents and find the answers to the following questions…

Use the Common Core State Standards for Mathematics to help answer questions

1–20

1. According to the Introduction, what are the 8 standards for Mathematical Practice?

#	Mathematical Practice
1	
2	
3	
4	
5	
6	
7	
8	

Bookmark this location.

2. Read the section **Connecting the Standards for Mathematical Practice to the Standards for Mathematical Content** on page 8. Create a one sentence summary for this section that is important for teachers to know.

3. What is the Common Core's equivalent for New Hampshire's Habits of Mind (Articulated in "New Hampshire PreK-16 Numeracy Action Plan for the 21st Century" February 2010)?

---

4. Find the guide labeled "How to read the Grade Level Standards". New Hampshire uses different labels for various components of the standards. What is the Common Core's equivalent for NH:

Content Strands_____

Stems _____

GLEs and GSEs _____

5. What five Domains are listed for Kindergarten? (What are the abbreviations for Grades 1-5)?

#	Domains	1	2	3	4	5
1						
2						
3						
4						
5						

6. In what grade are fractions introduced, and on what page can this be found?

_____

<mark>Highlight this information in the text.</mark>

A Close Look at the
Grades 6-8

Use a Post-It Note to tab the beginning of each grade level.
- Grade 6 on page 39
- Grade 7 on page 46
- Grade 8 on page 53

Grade 6_____.

7. What are the four critical areas for Grade 6?

a.
b.
c.
d.

8. What new Domain is introduced in Grade 6? _____

9. In what grade is that Domain completed? _____

Grade 7   .
10. What are the four critical areas for Grade 7?

a.
b.
c.
d.

Grade 8   .
11. What are the three critical areas for Grade 8?

a.
b.
c.

12. What domain is present in Grade 6 and 7, but not in Grade 8?

13. What domain is introduced in Grade 8?

14. What is an 'Ah ha' you have about the K-8 Standards? An 'Oh No!'?

   Ah ha: _____

   Oh No!_____

15 Locate **the high school standards** and bookmark this location in the document. The 9-12 Standards are organized into what 6 Conceptual Categories?

#	Conceptual Categories
1	
2	
3	
4	
5	
6	

16. What is unique about the high school "Modeling" Conceptual Category?

_____
<mark>Highlight this information in the text.</mark>

17. **High School introduction**   **page 57.**

    a.   What symbol indicates the mathematics that students need to take advanced courses?

        _____

    b.   What does a * symbolize in the standards?

        _____

    c.   What does it mean if a cluster heading has a *?

        _____

18. What is an 'Ah ha' you have about the high school Standards? An 'Oh No!'?

    Ah ha: _____

    Oh No!_____

19. What is found at the beginning of each grade level and Conceptual Category?

_____

20. Find Tables 1 & 2 in the Glossary and bookmark this location. What is their purpose? Who should use these?

_____

Use the Appendix A document to help answer questions 21 - 28

21. In the Overview, what 2 areas require careful attention while developing the pathways into instructional programs?

_____
<mark>Highlight this information in the text.</mark>

22. What are the 4 model course pathways:

#	Model HS Course Pathways
1	
2	
3	
4	

23. What 5 strategies are suggested as helpful for students requiring additional support?

#	Strategies for Support
1	
2	
3	
4	
5	

<mark>Bookmark this location.</mark>

24. Find the guide labeled "How to Read the Pathways". How many parts does each pathway have? _____

25. How is the overview of the pathway organized?

_____

26. In the second part of the pathway, each course contains what 3 components?

#	Components
1	
2	
3	

<mark>Highlight this information in the text</mark>.

27. On what pages do you find information regarding High School Mathematics in the Middle School, Middle School Acceleration and Other Ways to Accelerate Students? _____

<mark>Bookmark this location.</mark>

28 Appendix A will be helpful for whom?

_____