

## A Treasure Hunt through the... Alaska Mathematics Standards



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 Alaska Mathematics Standards and Organization documents, search with others at your table (in groups of 2, 3, or 4) to navigate through this new document and find the answers to the following questions...

1. What are the 8 standards for Mathematical Practice?
2. In the Standards for Mathematical Practice section, what follows each Practice?
3. What five Domains are listed for Kindergarten?
4. Which Domain is the same through grades K -12?
5. What new Domain is introduced in Grade 3?
6. In what grade is the Domain in question 5 above completed?
7. What is found at the beginning of each grade level and high school domain?

8. What four critical areas should instructional time be focused on in Grade 2?
  
  
  
  
  
  
  
  
  
  
9. What is one standard Grade 4 students must know and be able to do with data?
  
  
  
  
  
  
  
  
  
  
10. Function begins in grade 8. What do students need to know and be able to do with functions?
  
  
  
  
  
  
  
  
  
  
11. Locate the high school standards in the document. How are the 9-12 Standards organized?
  - 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  
  
  
  
  
  
  
  
  
  
12. What is unique about the high school “Modeling” domain?
  
  
  
  
  
  
  
  
  
  
13. What does the (+) symbol mean in the 9-12 sections?
  
  
  
  
  
  
  
  
  
  
14. Locate the Glossary for the Alaska Mathematics Standards. List any new terms to you.
  
  
  
  
  
  
  
  
  
  
15. What is an ‘Ah ha!’ you have about the Alaska Standards? An ‘Oh No!’?

Ah ha!

Oh No!