

## Grade 2 – Mathematics Curriculum

Click [here](#) for full text of Alaska Grade 2 standards

| Instructional Focus                             | Grade Level Clusters  |
|---|---|
| Extending understanding of base ten notations.  | <ul style="list-style-type: none"> <li>• Represent and solve problems involving addition and subtraction.</li> <li>• Add and subtract using numbers up to 20.</li> <li>• Work with equal groups of objects to gain foundations for multiplication.</li> <li>• Identify and continue patterns.</li> <li>• Understand place value.</li> <li>• Use place value understanding and properties of operations to add and subtract.</li> <li>• Measure and estimate lengths in standard units.</li> <li>• Relate addition and subtraction to length.</li> <li>• Work with time and money.</li> <li>• Represent and interpret data.</li> <li>• Reason with shapes and their attributes.</li> </ul> |
| Building fluency with addition and subtraction. |   |
| Using standard units of measure.                |   |
| Describing and analyzing shapes.                |   |

### Mathematical Practices Standards:

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Make sense of problems and persevere in solving them</li> <li>2. Reason abstractly and quantitatively</li> <li>3. Construct viable arguments and critique reasoning of others</li> <li>4. Model with mathematics</li> </ol> | <ol style="list-style-type: none"> <li>5. Use appropriate tools strategically</li> <li>6. Attend to precision</li> <li>7. Look for and make use of structure</li> <li>8. Look for and express regularity in repeated reasoning</li> </ol> |
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### District Instructional Materials (Core)

Pearson – *enVisionmath 2.0*, © 2016

### Pacing Guide

Trimester 1: Topics 1-5  
 Trimester 2: Topics 6-10  
 Trimester 3: Topics 11-15

Click [here](#) for interactive guide.

### AK Standards to be Supplemented

2.0A.5

### Cumulative/Benchmark Assessments

- Administer electronically as prescribed by *enVisionmath 2.0* Teacher’s Edition
- Submit data (Class Results, Class Mastery) to building administrator

### Required Fluency:

2.0A.2 - Add/subtract up to 20 (know single digit sums from memory)  
 2.NBT.5 – Add/subtract up to 100