**Critical Areas of Focus for Mathematics Grades K ‐ 2**

[**Kindergarten**](http://www.corestandards.org/the-standards/mathematics/kindergarten/introduction/) [**Grade 1**](http://www.corestandards.org/the-standards/mathematics/grade-1/introduction/) [**Grade 2**](http://www.corestandards.org/the-standards/mathematics/grade-2/introduction/)

Develop the concept of number with respect to:

Counting Sequences Counting to tell the number of objects

Represening quantities

Develop place value understanding with two‐digit numbers and properties of operations to deepen student's understanding of whole number relationships

Expand student's understanding of place value, addition, and subtraction

Introduce addition and subtraction of whole numbers

and

model simple joining and separating situations with objects

Apply previous experiences with counting to develop a rich understanding of additon and subtraction

Apply understanding of addition and subtraction to solve problems

Build basic geometric concepts by using the student's physical world to identify and

Reason about the attributes of and compose and decompose geometric shapes and

develop an understanding of linear

Lay the foundation for geometric concepts such as area and volume

and

develop an understanding for the need for

describe shapes measurement

standard units of linear measurement

**The Standards for Mathematical Practice**

1. Make sense of problems and perservere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

# The Standards for Mathematical Practice describe "how" students should interact with the "what" of the content standards.

*Teachers* ***must*** *integrate these standards into their daily lessons carefully selecting those practices that connect to the content.*