The Early Elementary

Geometric Concept Progression

- describe shape and space
- orientation
- examples/nonexample shapes of everyday objects
- sort
- attend to and explain shape features
- introduce composition

Kindergarten

First Grade

- describe and classify
- reason with shapes
- defining/nondefining attributes
- sort with accuracy including similarities and differences
- build sophistication in describing shapes by attribute or property
- compose and perceive combinations of shapes as a single new shape

This graphic is a summary of the progression of geometry concepts across grades K-3. This summary was created through an examination of the "Progressions for the Common Core State Standards in Mathematics" paper created by *The Common Core Standards Writing Team* drafted on June 23, 2012. To access the full paper online please visit:

https://commoncoretools.files.wordpress.com/2012/06/ ccss progression g k6 2012 06 27.pdf

- describe catagories of 2D shapes
- draw shapes
- name and describe defining attributes
- use length to identify properties of shapes (introduction to formal measurement occurs in this grade)
- recognize more difficult composite shapes and gain a foundation for the study of area, fraction and proportion
- emphasize spatial structuring (rectangular arrays)

Second Grade

Third Grade

- analyze, compare, classify by properties
- draw with preselected attributes
- relate/combine classifications
- investigate, describe and reason in composing and decomposing
- build sophistication in partitioning rectangular arrays