

Kindergarten Math Map

Course: Elementary Math

Grade: PK to 5
South Seneca Elementary School

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From: September 2007 to June 2008 (10 months)

Map Status: In Progress - Shared

Mapping Category	September 2008	October 2008
Theme	<p>Colors</p> <p>Shapes</p> <p>Matching One - to - One</p> <p>Same and Different</p> <p>Position and Sorting</p> <p>New York State Standards: K.G.5, 2; K.S.3</p>	<p>Sorting and Classifying</p> <p>Graphing</p> <p>Patterns</p> <p>New York State Standards: K.S.5, 4, 2, 1; K.A.1, 2</p>
Content	<p>Red, Blue, Yellow, Green, Orange, Purple, Brown, Black, White, Pink, gray</p> <p>Circle, Square, Triangle, Rectangle, Oval, Diamond</p> <p>Learn and Use Position Words</p> <p>Sort objects into groups</p> <p>Calendar</p> <p>Problem Solving</p> <ul style="list-style-type: none"> • Compare and discuss ideas for problem solving to justify their thinking • Use pictures to model the action in problems • Explain to others how the problem was solved • Understand that mathematical problems can be true or false (i.e. $2 + 2 = 4$ or $3 + 1 = 5$) <p>Real World Connections</p> <p>Communication</p> <ul style="list-style-type: none"> • Understand their thought process with teacher guidance (model) • Listen to solutions shared by others • Formulate questions with teacher guidance(modeling) 	<p>Same and Different</p> <p>Sorting by One Attribute</p> <p>Sorting Same Set in Different Ways (Color, shape, size)</p> <p>Sorting by More than One Attribute</p> <p>Use Logical Reasoning ~ Problem Solving Strategy</p> <p>Problem Solving Applications</p> <p>Problem Solving</p> <ul style="list-style-type: none"> • Compare and discuss ideas for problem solving to justify their thinking • Use pictures to model the action in problems • Explain to others how the problem was solved • Understand that mathematical problems can be true or false (i.e. $2 + 2 = 4$ or $3 + 1 = 5$) <p>Real World Connections</p> <p>Communication</p> <ul style="list-style-type: none"> • Understand their thought process with teacher guidance (model) • Listen to solutions shared by others • Formulate questions with teacher