

Department: Math

Course Name: Junior Kindergarten Math

Course Description:

This course is designed to introduce and teach Junior Kindergarten students Math concepts. Students will identify numbers, count with understanding and use numbers to describe amounts, order and compare quantities. Study also will focus on the attributes of length, capacity, height and weight. Geometric shapes, positional terms, creation of simple graphs, solving simple word problems and addition and subtraction equations enhance the curriculum. Identification and creation of simple patterns, as well as the identification of colors and coins, completes the Math curriculum.

Content:

Colors
Geometric Shapes
Numerals
Calendar Skills
Weight/Capacity
Positional Terms
Coins
Fractions
Symmetry
Temperature
Addition/Subtraction
Comparison
Graphs
Number lines
Volume
Patterns
Equations

Skills:

Identify and recognize numbers to 20 or more
Count objects of 20 or more
Compare two groups of matched objects and describe the groups using the terms more, fewer or same
Recognize attributes of length by using the terms longer/shorter when comparing two objects
Match and sort shapes
Recognize plane and solid shapes
Describe the positions of objects in relation to other objects using positional terms
Use descriptive language to compare data in picture graphs
Sort and classify objects according to one or two attributes
Identify and explore simple patterns
Identify coins
Identify times of day
Identify measuring tools
Practice calendar skills
Identify equal parts
Write numerals 1-20
Indicate the ordinal position of each item first through fifth

Text and Materials:

McGraw-Hill Math series, MY Math, Kindergarten edition , Vol. 1&2
Houghton Mifflin Math series, Kindergarten edition
Shell Education, 180 Days of Math for Kindergarten
Ipad App- Kids Apps Learn 1,2,3 Training Math Drill in Motion
Ipad App- Little Writer Pro

Methods of Instruction:

Manipulatives
Math centers
Board games
Worksheets
Small and large group instruction
Teacher led instruction
Zoom
Seesaw
Happy Numbers

Methods of Evaluation:

McGraw – Hill curriculum **pages**
Houghton Mifflin curriculum pages
Class work
Class projects
Class participation
Teacher evaluation

