Geometry

Wilmington Public Schools Math Book Recommendations for Grades K to 5.

Wilmington MEMORIAL Library

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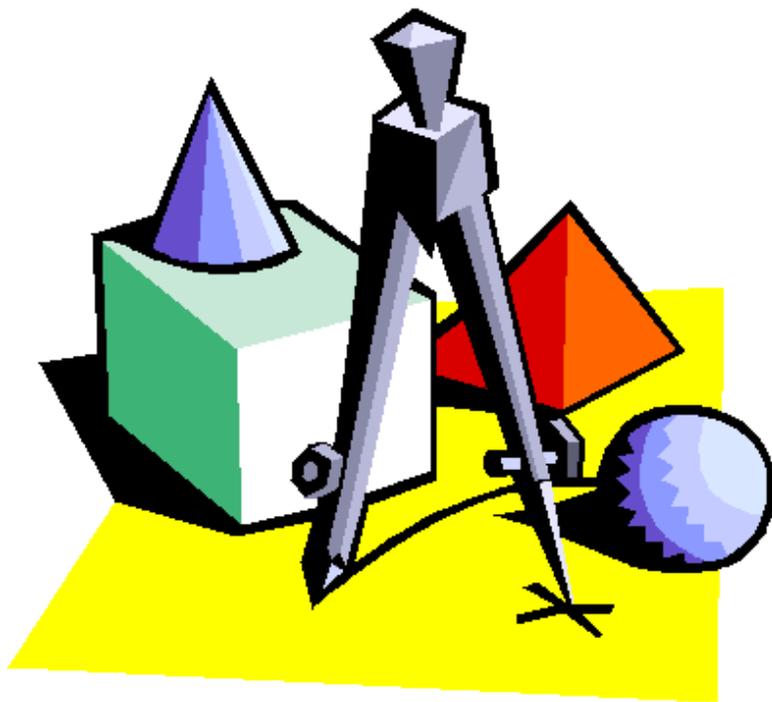
3-D Shapes
Cohen, Marina
A trip to the grocery store offers opportunities for Justin to learn about three dimensional shapes. Includes activities, photographs, and a glossary. RL 2.3
Call Number: Kids 516.156 Cohen

A-B-A-B-A: A Book of Pattern Play
Cleary, Brian
Provides simple examples of repeating sequences of shapes, colors, objects, and more, helping readers learn how to find patterns in the world around them. RL 3.6
Call Number: Kids 516.15 Cleary

If You Were a Circle
Blaisdell, Molly
Reinforces math skills by teaching early learners about things that are circles. RL 2.3
Call Number: Kids 516.152 Blaisdell

If You Were a Polygon
Aboff, Marcie
Colorful illustrations and simple text introduce different objects that are polygons. RL 2.2
Call Number: Kids 516.154 Aboff

If You Were a Quadrilateral
Blaisdell, Molly
Colorful illustrations and simple text introduce different objects that are quadrilaterals. RL 2.1
Call Number: Kids 516.154 Blaisdell

If You Were a Triangle
Aboff, Marcie
Simple text and illustrations provide an introduction to triangles and offer examples of different types, such as isosceles and equilateral. RL 2.7
Available from other MVLC Libraries.

Is It Symmetrical?
Allen, Nancy Kelly
Introduces early readers to the mathematical concept of symmetry, explaining what it is and where it can be found in the world around them. RL 2
Call Number: Kids 516.1 Allen

Look For Them: Where Are the Shapes?
Loughran, Donna
The mathematical concepts of shapes, sizes and colors are introduced as students explore a local playground. As the students identify attributes of objects, they also learn about flat and three-dimensional shapes, prepositions, and art materials such as clay, tissue paper and paint. This book includes a discovery activity, an art connection, and mathematical vocabulary introduction. RL 2.5
Available from other MVLC libraries.

Patterning
Berry, Minta
Photographs and text help young readers to understand the concepts of patterns. Includes activities, photographs, and a glossary. RL 3
Available from other MVLC libraries.

Patterns Outside
Nunn, Daniel
Explores basic mathematical concepts in patterns, using the natural world and patterns made by people. RL 2.1
Call Number: Kids 516.15 Nunn

Play With Sorting!
Picou, Lin
Simple text and illustrations introduce the concept of sorting and looks at some of the ways things can be sorted. RL 2.4
Call Number: Kids 511.3 Picou

Polygons
Cohen, Marina
A day out with her dad at a baseball game offers Emily the opportunity to learn about polygons. Includes related activities. RL 1.6
Available from other MVLC libraries.

Polygons
Leech, Bonnie Coulter
Explains what shapes are, and provides an illustrated introduction to polygons – shapes that have many sides and are made of straight line segments. RL 3.3
Available from other MVLC libraries

Prisms
Waxman, Laura Hamilton
Rhyming text and color illustrations teach children about the prism shape. RL 1.5
Available from other MVLC libraries.

Pyramids
Waxman, Laura Hamilton
Rhyming text and color illustrations teach children about the pyramid shape. RL 1.5
Available from other MVLC libraries.

Same Same
Jocelyn, Marthe
Colorful illustrations and simple text identify things that are the same. RL .5
Available from other MVLC Libraries.

Seeing Halves: Symmetry In Our World
Perritano, John
The mathematical concepts of lines of symmetry and rotational symmetry are introduced as a family explores symmetry in objects, animals, and nature. This book includes a discover activity, a connection to history, and a mathematical vocabulary introduction. RL 4.4
Available from other MVLC libraries.

Seeing Symmetry
Leedy, Loreen
Introduces the concept of symmetry, discussing how it appears in the world. Includes activities. RL 5.9
Available from other MVLC libraries.

Shape up!
Adler, David
Uses cheese slices, pretzel sticks, a slice of bread, graph paper, a pencil, and other items to introduce readers to polygons, flat shapes with varying numbers of straight sides. RL 2.8.
Available from other MVLC libraries.

Shaping Up Summer
Flatt, Lizann
As young readers journey into the natural world, they discover that numbers, patterns, shapes — and much more! — can be found in everyday plants and animals.
Available from other MVLC libraries.

Ship Shape: Making Shapes Fly
Loughran, Donna
Introduces the mathematical concepts of naming plane, solid, and composite shapes in a story of students entering a spaceship design contest. Includes a discover activity, an art connection, and a mathematical vocabulary introduction. RL 2.6
Available from other MVLC libraries.

Sir Cumference and the Sword in the Cone: A Math Adventure
Neuschwander, Cindy
Sir Cumference, Radius, and Sir Vertex search for Edgecalibur, the sword that King Arthur has hidden in a geometric solid. RL 4.1
Available from other MVLC libraries.

Sir Cumference and the Viking's Map: A Math Adventure
Neuschwander, Cindy
Cousins Radius and Per must decode a numbered grid on a map to figure out the secret of the Viking's X and Y axes. RL 5
Available from other MVLC Libraries.

Start the Game: Geometry in Sports
Perritano, John
Identifies plane shapes and solid shapes in different types of sports, covering line segments on a football field or using angles while playing pool, discovers how special attributes help to name polygons and other geometric shapes, and more. RL 4.3
Call Number: Kids 516.15 Perritano

Straight Lines, Parallel Lines, Perpendicular Lines
Charosh, Mannis
Using an imaginative approach to basic principles, this book invites the reader to explore, to understand, and to enjoy the principles of mathematics.
Available from other MVLC Libraries.

Symmetry
Peppas, Lynn
An explanation of symmetry for students in kindergarten through third grade, covering lines of symmetry, turns, symmetry in shapes and buildings, and other topics. RL 1.7
Available from other MVLC libraries.

Three Dimensional Shapes: Cubes
Mitten, Luana
Colorful photographs and simple text teach young readers about the different cubes that they can find in the world around them. RL 1.6
Call Number: Kids 530 Mitten

Three Dimensional Shapes: Cylinders
Mitten, Luana
Simple text and illustrations describe the characteristics of and give examples of cylinders and ask young readers to differentiate one type of object from another. RL 1.4
Call Number: Kids 530 Mitten

What Is an Attribute?
Allen, Nancy Kelly
Introduces early readers to the mathematical concept of attributes, explaining what they are and where they can be found in the world around them. RL 1.3
Available from other MVLC libraries.

Compiled by Heather Peachey, Library Coordinator, Wilmington Public Schools.