

Perfect Square

AUTHOR: Michael Hall
ILLUSTRATOR: Michael Hall

PUBLISHER: Harper Collins
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ART MEDIUM: Collage/ torn paper

GENRE: adventure/shapes

LIFE SKILLS: resourcefulness, initiative, perserverance

SYNOPSIS: One square manages to make itself over and over into something new after its shape is changed.

BOOKTALK: How many different shapes can you make from a square? Let's look inside *Perfect Square* and see.

AUTHOR:

Author's Name

Michael Hall a bestselling author of many shape-related picture books for children. One of his latest, *My Heart is Like a Zoo*, was nationally acclaimed. He is a designer for Hall Kelley, Inc. and lives with his family in Minnesota.

Other books written by the author:

Cat Tale

My Heart is Like a Zoo

ILLUSTRATOR:

Michael Hall(see above)

CHALLENGING WORDS (...due to pronunciation, spelling and/or defining):

Babbled, shattered, snipped, crumpled, wrinkled, confining, rigid

DISCUSSION QUESTIONS: (Please include 4-6 questions)

1. Why do you think the shape was happy as a square?
2. How did it feel when it was changed?
3. How did it react to each change?
4. By the end, was it still happy being a square? Why not?
5. What did it do to make itself happy again?

ACTIVITIES with CORE STANDARDS:

Mathematics:

1. Give each child a "perfect square" of construction paper and see how many

different shapes it can become.

K.G.4. Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts (e.g., number of sides and vertices/“corners”) and other attributes (e.g., having sides of equal length).

1.G.2. Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape, and compose new shapes from the composite shape.1

K.G.6. Compose simple shapes to form larger shapes

2.G.1. Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces.1 Identify triangles, quadrilaterals, pentagons, hexagons, and cubes

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Arthur information

http://www.harpercollins.com/authors/36209/Michael_Hall/index.aspx

another book by Michael Hall <http://www.myheartislikeazoo.com/>