

Put on Your Math Goggles:

Discovering PreK-4 Mathematics Using the Lens of the Visual Arts and Children's Literature

Robin A. Ward, Ph.D.

Clinical Assistant Professor of Mathematics Rice University School Mathematics Project
raward@rice.edu robinanneward@gmail.com

Books by Robin A. Ward

Math + Art = Fun: Activities for Discovering the Mathematical Magic in Modern Art
Numeracy and Literacy: Teaching K-8 Mathematics Using Children's Literature
Literature-Based Activities for Integrating Mathematics with Other Content Areas (K-2)
Literature-Based Activities for Integrating Mathematics with Other Content Areas (3-5)
Literature-Based Activities for Integrating Mathematics with Other Content Areas (6-8)

7 Elements of Art

• Line • Shape (2D) • Form (3D) • Space (perspective) • Color • Value • Texture

Jasper Johns

Figure 7 (1969)
Figure 8 (1959)
Figure 9 (1969)
0 Through 9 (1960)
Figure 1 (1969)
Numbers in Color (1958-59)
A Place for Zero by Angeline LoPresti
One Hundred Ways to Get to 100 by Jerry Pallotta
How Much, How Many, How Far, How Heavy, How Long, How Tall is 1000? by Helen Nolan
How Much Is a Million? by David Schwartz
A Million Dots by Andrew Clements
Big Numbers: And Pictures That Show Just How Big They Are by Edward Packard
The Day Anthony Counted to a Googol by Mark North
Where Is Jasper Johns (Adventures in Art Series) by Prestel

Hans Arp

Collage with Squares Arranged According to the Laws of Chance (1916-17)
Squares Arranged According to the Laws of Chance (1917)
Probably Pistachio by Stuart Murphy
If You Give a Moose a Muffin by Laura Numeroff
A Very Improbable Story by Edward Einhorn

Wayne Thiebaud

Cakes (1963)

Four Cupcakes (1971)

Sugar Sticks (1964)

Three Machines (1963)

Seven Suckers (1970)

What Is Round? by Rebecca Dotlich

Counting with Wayne Thiebaud by Susan Goldman Rubin

Delicious: The Life & Art of Wayne Thiebaud by Susan Goldman Rubin

The Donut Chef by Bob Staake

The Missing Piece by Shel Silverstein

Paul Klee

Zitronen (1935)

Once Emerged from the Gray of Night (1917-18)

Farbtafel (1930)

Castle and Sun (1928)

Tidying Up Art by Ursus Wehrli

Falling for Rapunzel by Leah Wilcox

Shapes, Shapes, Shapes by Tana Hoban

Paul Klee (Getting to Know the World's Greatest Artists Series) by Mike Venezia

Paul Klee (Adventures in Art Series) by Prestel Publishing

Georgia O'Keeffe

Red Cannas (1927)

Petunia (1932)

My Name Is Georgia by Jeanette Winter

Georgia's Bones by Jen Bryant

Cut Down to Size at High Noon by Scott Sundby

Actual Size by Steve Jenkins

Other Useful Resources

Books by Lucy Micklethwait

Museum Shapes and *Museum 1 2 3* by The Metropolitan Museum of Art

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Keep your math goggles on!