

4th GRADE LESSON PLANS

SYMMETRY

Day Two

Guided Instructions: 4.0.3
Each of the objects one at a time. Have volunteers use the ruler to find the lines of symmetry of each of the shapes.



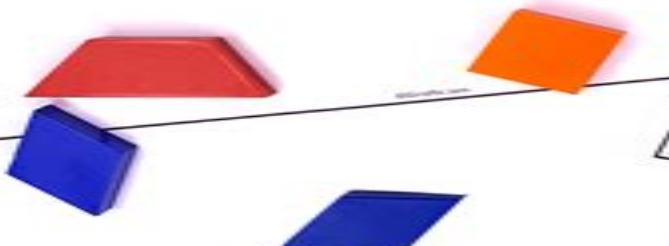
Notes:

Borrow rulers from Mrs. Kline.

Collaborative Instructions:
With a table team, students will find all of the lines of symmetry in the wheel. When they are finished, they will find the lines of symmetry in the circle. Have groups share their thinking, and explain why there were more lines of symmetry in the circle than in the wheel.

Notes:

* Clock partners - 4:00



Symmetry - Day Three
Station One: Down One



Name:



Station Two

GIRAFFIC JAM



4th Grade Symmetry Lesson Plans

David Baud

4th Grade Symmetry Lesson Plans:

Everyday Mathematics 4 Grade Teacher's Lesson Guide Volume 2 Max Bell,2004 Contains easy to follow three part daily lesson plans This assists teachers in focusing on lesson objectives providing ongoing practice for all students and addressing individual student needs for a variety of populations A unit organizer provides learning goals planning and assessment support content highlights a materials chart suggestions for problem solving cross curricular links and options for individualizing Each guide is grade level specific

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,1976-12 The Principles and Practice of Teaching and Class Management Joseph Landon,1899 Turning on Learning

Carl A. Grant,Christine E. Sleeter,2008-10-28 With a wealth of ready to use lesson plans for grade levels K 12 covering a variety of subject areas Turning on Learning Fifth Edition shows students how to apply the principles of multicultural education in the classroom This practical lesson based companion to Sleeter and Grant s Making Choices for Multicultural Education Five Approaches to Race Class and Gender features additional lesson plans and new resource material along with updates of existing lesson plans

Research in Education,1970 **Mathematics for the Elementary School, Grade 4**

[I-6] School Mathematics Study Group,1962 **IMAGES** Janie L. Zimmer,Arlene Dowshen,Dennis C. Ebersole,2004

Mathematics Methods for the Elementary and Middle School Mary M. Hatfield,1993 *Teaching Elementary Science* William K. Esler,Mary K. Esler,1993 **Think Math! Plane Figures and Spatial Sense, Grade 2** Harcourt School Publishers,2005-11

Mathematics Framework for the 2009 National Assessment of Educational Progress United States. National Assessment Governing Board,2008 **Environment and Planning**,1999 Journal of urban planning and

design Publishes research in the application of formal methods methods models and theories to spatial problems involving the built environment and the spatial structure of cities and regions Includes the application of computers to planning and design in particular the use of shape grammars artificial intelligence and morphological methods to buildings and towns the use of multimedia and GIS in urban and regional planning and the development of ideas concerning the virtual city

New Visions for Linking Literature and Mathematics David Jackman Whitin,Phyllis Whitin,2004 In this copublication by the National Council of Teachers of English and the National Council of Teachers of Mathematics David and Phyllis Whitin offer

K 6 teachers a wealth of ideas for integrating literature and mathematics including specific criteria for evaluating math related books with emphasis on inquiry critical thinking diversity and individual challenge practical discussions about books and their use in K 6 classrooms an in depth look at problem posing and book pairs as effective strategies for engaging all students explicit connections made to NCTM s Principles and Standards for School Mathematics and NCTE and IRA s Standards for the English Language Arts interesting sidebars of extension activities and text sets practical strategies for introducing math related books to children and an annotated list of the best math related literature available This is a book

filled with numerous examples of children's work many of which are drawn from widely diverse multicultural classrooms. Each chapter discusses a range of books and classroom applications to show how teachers can skillfully integrate such books to meet school objectives in language arts and mathematics. It is this dual perspective that makes the book unique. With its inviting tone and practical suggestions *New Visions for Linking Literature and Mathematics* is an invaluable resource for the elementary school classroom. **Mathematics**, 2004 **Mathematical Thinking at Grade 4** Cornelia C. Tierney, 2006

Math Advantage Grace M. Burton, Harcourt Brace, 1998-05-22 **Teaching Children Mathematics**, 2008-08

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