

April Gr.1 Unit 9: Two Dimensional shapes and Equal Shares

Content Area: **Math**
Course(s):
Time Period: **April**
Length: **4-5 Weeks**
Status: **Obsolete**

Unit Overview

Students will learn about two dimensional shapes and equal shares.

Enduring Understandings

We recognize two dimensional shapes by defining their attributes.

We can mak new shapes by putting two together.

We can partition shapes in equal parts.

Essential Questions

How can I recognize two dimensional shapes and equal shares?

Instructional Strategies & Learning Activities

Math – Chapter 9

- **Pacing Guide**
Suggested Pacing

Instruction	15 days
Review/Assessment	2 days
Total*	17 days

- *Includes additional time for remediation and differentiation.

Lesson	Objective	Material & Manipulatives	Vocabulary	Standard
Lesson 1 <i>pp. 635-640</i> Squares and Rectangles	Use defining attributes to identify and describe squares and rectangles.	• construction paper shapes • attribute blocks	two-dimensional shapes side	1.G.1 Major

		<ul style="list-style-type: none"> • crayons • timer • classroom objects 	vertex/vertices square rectangle	Cluster MP 1, 2, 3, 4, 6, 7 1.G.1
Lesson 2 <i>pp. 641-646</i> Triangles and Trapezoids	Use defining attributes to identify and describe trapezoids and triangles.	<ul style="list-style-type: none"> • construction paper shapes • pattern blocks • geoboard • rubber bands • classroom objects 	triangle trapezoid	Major Cluster MP 1, 2, 3, 5, 6, 7 1.G.1
Lesson 3 <i>pp. 647-652</i> Circles	Use defining attributes to identify and describe circles.	<ul style="list-style-type: none"> • attribute blocks • index cards 	circle	Major Cluster MP 2, 3, 6, 7, 8 1.G.1
Lesson 4 <i>pp. 653-658</i> Compare Shapes	Compare two-dimensional shapes.	<ul style="list-style-type: none"> • scissors • attribute blocks • pattern blocks • shape cards 		Major Cluster MP 1, 3, 4, 6, 7
Check My Progress Lesson 5 <i>pp. 661-666</i> Composite Shapes	Use two-dimensional shapes to make a composite shape.	<ul style="list-style-type: none"> • pattern blocks • shape and shape name cards 	composite shape	1.G.2 Major Cluster
Lesson 6 <i>pp. 667-672</i> More Composite Shapes	Use two-dimensional shapes to make a composite shape and compose new shapes from the composite shape.	<ul style="list-style-type: none"> • pattern blocks 		MP 1, 2, 3, 6, 7, 8 1.G.2 Major Cluster
Lesson 7 <i>pp. 673-678</i> Problem-Solving Strategy: Use Logical Reasoning	Use logical reasoning to solve problems.	<ul style="list-style-type: none"> • pattern blocks 		MP 1, 2, 3, 4, 6 1.G.2 Major Cluster
Check My Progress Lesson 8 <i>pp. 681-686</i> Equal Parts	Partition shapes into two or four equal shares and identify how	<ul style="list-style-type: none"> • glue • scissors 	whole equal part	MP 2, 3, 4 1.G.3 Major

Cluster

MP
1, 2, 3, 4,
5, 6, 8
1.G.3

Lesson 9 *pp. 687-692* Partition shapes into two equal
Halves parts.

- two-column chart
- pattern blocks
- attribute blocks
- crayons
- index cards

Major Cluster

MP
1, 2, 3, 7, 8
1.G.3

Lesson 10 *pp.* 693-698 Partition shapes into four equal parts.

- fraction circles **fourths**
- crayons
- attribute blocks
- index cards

Major Cluster

MP
1, 2, 6, 7, 8

My Review and Reflect

- **Chapter 9: Targeted Strategic Intervention**
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- **Differentiated Instruction**
- **What's the Math in This Chapter?**
- **Reading Connections**

Integration of Career Readiness, Life Literacies and Key Skills

Students will establish and follow rules, routines, and responsibilities throughout the year.

WRK.9.1.2.CAP.1

Make a list of different types of jobs and describe the skills associated with each job.

TECH.9.4.2.CI.1

Demonstrate openness to new ideas and perspectives (e.g., 1.1.2.CR1a, 2.1.2.EH.1, 6.1.2.CivicsCM.2).

TECH.9.4.2.Cl.2

Demonstrate originality and inventiveness in work (e.g., 1.3A.2CR1a).

TECH.9.4.2.CT.2

Identify possible approaches and resources to execute a plan (e.g., 1.2.2.CR1b, 8.2.2.ED.3).

TECH.9.4.2.CT.3

Use a variety of types of thinking to solve problems (e.g., inductive, deductive).

Brainstorming can create new, innovative ideas.

Critical thinkers must first identify a problem then develop a plan to address it to effectively solve the problem.

Different types of jobs require different knowledge and skills.

Technology and Design Integration

Students will interact with the textbook/workbooks on the Smartboard throughout My Math Lessons.

Students will engage in lessons on Dreambox, an interactive Math program that allows progress at a students own pace through the Standards in Math for Grade 1.

Interdisciplinary Connections

Students will use leveled books to reinforce and extend problem-solving skills and strategies.

LA.RI.1.1

Ask and answer questions about key details in a text.

LA.RI.1.7

Use the illustrations and details in a text to describe its key ideas.

LA.SL.1.1

Participate in collaborative conversations with diverse partners about grade 1 topics and texts with peers and adults in small and larger groups.

Differentiation

Each My Math unit throughout the series offers "approaching level", "on level" and "Beyond level" differentiated instructional hands-on choices, as well as ELL differentiated support. Please refer to the teacher edition for the activities.

Modifications & Accommodations

IEP and 504 accommodations will be followed.

Formative Assessments

Teacher observation

Student conferences

Discussion

Activities

games

homework

Benchmark Assessments

Aimsweb Benchmark assessments three times a year.

Summative Assessments

My Math Chapter assessments.

Instructional Materials

See materials listed in the above lesson plans.

Standards

MA.1.G.A.1	Distinguish between defining attributes (e.g., triangles are closed and three-sided) versus non-defining attributes (e.g., color, orientation, overall size); build and draw shapes to possess defining attributes.
MA.1.G.A.3	Partition circles and rectangles into two and four equal shares, describe the shares using the words halves, fourths, and quarters, and use the phrases half of, fourth of, and quarter of. Describe the whole as two of, or four of the shares. Understand for these examples that decomposing into more equal shares creates smaller shares.