May: K Unit 9: Classify Objects

Content Area: **Math**
Course(s):
Time Period: **May**
Length: **3 Weeks**
Status: **Obsolete**

Unit Overview

Students learn to classify objects, one concept of classifying is the recognition of a common attribute.

Enduring Understandings

Student will know:

How to categorized objects.

How to sort by size.

How to sort by shape.

How to sort count.

Essential Questions

How do we classify objects?

Instructional Strategies & Learning Activities

Pacing Guide
Suggested Pacing

Instruction	9 days
Review/Assessment	2 days
Total*	11 days

- *Includes additional time for remediation and differentiation.

Lesson	Objective	Material & Manipulatives	Vocabulary	Standard
Lesson 1 *pp. 539-544* **Alike and Different**	Identify objects that are alike and objects that are different.	• connecting cubes • crayons • bags	**alike** **different**	K.MD.3 **Major**

		• pattern blocks		**Cluster**
				MP 1, 3, 4, 6
Lesson 2 *pp. 545-550* **Problem-Solving Strategy: Use Logical Reasoning**	Use logical reasoning to solve problems.	• picnic basket • tablecloth • plastic food items • various items that belong and do not belong in picnic basket • student page 546		K.MD.3 **Major Cluster** **MP 1, 3, 5, 6, 8**
Lesson 3 *pp. 551-556* **Sort by Size**	Sort objects into groups by size.	• yarn • pencils • stuffed animals • classroom objects • attribute buttons • bags	**sort** **size**	K.MD.3 **Major Cluster** **MP 1, 4, 5, 6, 7**
Check My Progress				
Lesson 4 *pp. 559-564* **Sort by Shape**	Sort objects into groups by shape.	• attribute blocks • shape cards (circle, triangle, rectangle, square, and hexagon) • pattern blocks	**shape**	K.MD.3 **Major Cluster** **MP 1, 3, 4, 6**
Lesson 5 *pp. 565-570* **Sort by Count**	Sort by counting.	• red and yellow connecting cubes • attribute buttons		K.MD.3 **Major Cluster** **MP 1, 2, 4, 6, 8**

Integration of Career Readiness, Life Literacies and Key Skills

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.CT	Critical Thinking and Problem-solving
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).
	Different types of jobs require different knowledge and skills.

Technology and Design Integration

Utilize programs on the IPad.

Use of Shutterfly Share Site.

Smartboard lessons and technology

CS.K-2.8.1.2.CS.3	Describe basic hardware and software problems using accurate terminology.
CS.K-2.8.1.2.NI.3	Create a password that secures access to a device. Explain why it is important to create unique passwords that are not shared with others.
CS.K-2.8.1.2.NI.4	Explain why access to devices need to be secured.
	Describing a problem is the first step toward finding a solution when computing systems do not work as expected.

Interdisciplinary Connections

LA.RI.K.1	With prompting and support, ask and answer questions about key details in a text.
LA.RI.K.2	With prompting and support, identify the main topic and retell key details of a text.
LA.RI.K.4	With prompting and support, ask and answer questions about unknown words in a text.
LA.RI.K.7	With prompting and support, describe the relationship between illustrations and the text in which they appear (e.g., what person, place, thing, or idea in the text an illustration depicts).
LA.RF.K.1	Demonstrate understanding of the organization and basic features of print.
LA.RF.K.2	Demonstrate understanding of spoken words, syllables, and sounds (phonemes).
LA.RF.K.3	Know and apply grade-level phonics and word analysis skills in decoding and encoding words.

Differentiation
Each chapter in My Math teacher manual contains differentiated instruction for Approaching level, On Level and Above level students.

Modifications & Accommodations
I&RS and 504 accommodations will be utilized in addition to the differentiated instruction in the Unit.

Benchmark Assessments
Check My Progress

Formative Assessments

Teacher observation

Discussion

Worksheets

Summative Assessments

Assessments for chapters located in My Math Unit.

Instructional Materials

See above.

Standards

MA.K.MD.B.3	Classify objects into given categories; count the numbers of objects in each category and sort the categories by count.