

Addition Strategies: Still Life



Math & Visual Arts

Grade
1

Math Common Core Standard(s) Grade 1

1.OA.6

Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as counting on and making ten.

Visual Arts(MD) Standard(s) Grade 1

1.1.b. Represent observed physical qualities of people, animals, and objects in the environment using color, line, shape, texture, and form.



CONNECTED OBJECTIVES

Students use color, shape, line, and form to create a still life. Students observe still life art and use addition strategies to identify quantities in the artwork.

MATERIALS & RESOURCES

- Still life images
- Fall objects
- Construction paper
- Oil pastels
- Pencils
- Blank paper

KEY CONTENT VOCABULARY

- Doubles
- Near Doubles
- Doubles Plus One
- Counting on

KEY ARTS VOCABULARY

- Still life
- Color
- Form
- Line
- Shape
- Overlapping

A S S E S S M E N T

- Still life artwork
- Tree-map organizer
- Teacher observation of group work



L E S S O N S T E P S

Review Math Strategies

- Doubles ($4+4=8$)
- Near Doubles ($4+5=9$ is the same as $4+4=+1=9$)
- Counting On ($5+2=7$: Start at five and count two more)
- Making Ten

Introduce and Define Still Life

- Use *Still Life: Where's the Math?* Presentation to define and explore still life artwork.
- Identify addition facts represented in still life examples: two lemons plus one plum equals three fruits.
- Identify examples of color, form, shape, line and discuss concept of overlapping in still life art.

Create Still Life

- Provide fall objects to groups of students.
- Allow time for students to cooperatively arrange their objects.
- Model how to use line, shape, form, and overlapping to sketch their still life with pencil.
- Have students sketch their still life.
- Model how to use color and create texture using oil pastels or medium of your choice.
- Students complete still life.

Gallery Walk

- Students visit each group to view the artwork
- Students work cooperatively to identify addition facts in art and categorize the addition facts by strategy. (Students may find that one addition sentence will fit into more than one category. For example, you could solve $3+2$ by using the near double or counting on strategy.)
- Students share their findings.

EXTENSIONS & OPTIONS SOURCES & RESOURCES

- Students could create individual tree maps.
- Students could be provided with particular addition facts to locate in the artwork.
- Students may use identify and solve addition sentences with more than two addends and explain how they used addition strategies to solve.

- *Still Life: Where's the Math?* Teacher prepared media presentation.

G E T S M A R T T H R O U G H T H E A R T S

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S u p p o r t i n g D o c u m e n t s