

# Math with The Very Hungry Caterpillar

## *First Grade + Visual Art Lesson Plan*

### CORE SUBJECT AREA

Math

### ART FORM + ELEMENTS

Visual Art

Painting

Shapes

Texture

### MSCCR STANDARDS

1.0A.1

1.0A.6

### MSCCR CREATIVE ARTS STANDARDS

VA: Cr1.1.1 Generate and conceptualize artistic ideas and work. a. Engage collaboratively in exploration and imaginative play with materials.

VA: Cr1.2.1 Generate and conceptualize artistic ideas and work. a. Use observation and investigation in preparation for making a work of art.

VA: Cr2.1.1 Organize and develop artistic ideas and work. a. Explore uses of materials and tools to create works of art or design.

VA: Cr2.3.1 Organize and develop artistic ideas and work. a. Identify and classify uses of everyday objects through drawings, diagrams, sculptures, or other visual means.

### DURATION

30-45 minutes

### OBJECTIVES

TSW add/subtract to 20 TSW write and solve basic word problems

### MATERIALS NEEDED

white construction paper

tempera paint colors: light green, dark green, brown and red paint trays

assorted sponges or sponge stamps (can be purchased at Lakeshore Learning)

sentence strips

"The Very Hungry Caterpillar" book (by: Eric Carle) pencils

### VOCABULARY

Add

Subtract

Minus

Take away

Plus

Sum

How many more

In all

Difference

Texture

Caterpillar

### RECOMMENDED RESOURCES

"The Very Hungry Caterpillar" book by Eric Carle

### LESSON SEQUENCE

We will listen to the story "The Very Hungry Caterpillar" read aloud and then we are going to review some math terms that we use when adding/subtracting facts.

After explaining the steps of the art lesson, students will move from the carpet (where the story was

read) to various tables or desks in the classroom.

Teacher and students will recall details from the caterpillar in the story (colors, shapes, body parts)

The teacher will review “math terms” using flashcards and have the students respond as to what each math term means.

The teacher will have an example of a painted caterpillar and have students give three examples of either addition or subtraction facts to represent the number of body parts on the caterpillar and write the math facts on sentence strips

Students will view the different sponges and discuss the size and shape of each.

Students will be encouraged to use various size and shapes to create a big caterpillar or a little caterpillar.

Students will move to desks or tables and in front of each student will be a white piece of construction paper with a sentence strip attached to the bottom (to write the math fact) and various sponges with paint trays to share amongst the other students sitting together.

Students will paint a caterpillar using the sponges.

Students will compose an addition or subtraction math fact to go along with the caterpillar artwork

## EXTENDED LEARNING ACTIVITIES

Students can write an addition or subtraction story problem about his/her caterpillar

## SOURCES

Heather Holifield- Poplar Springs Elementary School teacher

## TIPS + FREQUENTLY ASKED QUESTIONS

This lesson will go very smoothly if all materials are laid out and on the table prior to the students beginning to paint. Be sure to discuss with students how to use the various sponges when painting (dip lightly and not "dig" in the paint- a little bit of paint will go a long way); model for students how to "stamp" the sponge on the paper or how to lay the sponge on the paper and press down to create the caterpillar.