

LMSA Activity -Lesson Plan Template

Teacher Name: Andrea Schipke

Subject: Math/
Visual Art

Grade: 4th

Week of: October 19 -23, 2020

College and Career Readiness Standards:

- 4.OA.4 Find all factor pairs for a whole number in the range 1-100. Recognize that a whole number is a multiple of each of its factors. Determine whether a given whole number in the range 1-100 is a multiple of a given one-digit number. Determine whether a given whole number in the range 1-100 is prime or composite.
- VA: Re:7.2.4 Analyze components in visual imagery that convey messages.
- VA:Cr:2.2.4 When making works of art, utilize and care for materials, tools, and equipment in a manner that prevents danger to oneself and others.
- VA:Cr.12.4 Collaboratively set goals and create artwork that is meaningful and has purpose to the makers.

Essential Questions

- How can you use multiplication to find all of the factors of a number?
- How do you identify prime and composite numbers by relating to factor pairs?

I Can Statements

- list multiples to identify factors
- list factor pairs and understand divisibility rules

Lesson:

- TW review prime and composite numbers along with vocabulary and sing our song.
- TW discuss color theory during the PowerPoint.
- TW lead the class in creating their Factor Forest by each student:

- choosing their product to identify the factors
- using the T-chart strategy to find all the factor pairs
- representing one pair and deciding if the product is prime or composite
- use their knowledge of color theory to represent their own flower

Vocabulary

- multiple, divisible, prime, composite, divisibility
- Color theory, color and warm colors, line

Materials

- Watercolor and brushes,
- paper
- oil pastel
- Scissors
- glue