5th Grade
Math Choice Board

Activities for the Week of May 11, 2020

Listed below are optional ways to keep the learning going any time, any day! Take your pick!

You can always add 30 minutes per day of iReady Math and Iready Reading.

Word Problems Create 5 word problems that show using patterns to divide. The numbers should be multiples of 10. After creating the problems, show your work and solve them.	**Script** Pretend you were asked to write a movie for dividing by multiples of 10. Write a script that explains how you would solve it and create a problem and solution.	Math Music... On your own or with a partner, create a song that teaches the steps for adding and subtracting fractions with unlike denominators.
Receipt Create a receipt for shopping at a store. Include your items (10) and their cost. After, create 4 word problems that can be solved using the information in your receipt. (Should involve division)	**Teach It** Pretend you need to teach the class about using arrays and area models to model division. How would you go about teaching this topic? Write your own mini-lesson with facts and examples.	**Fraction Number Battle** **Players:** Groups of two **Materials:** Deck of cards, Ace = 11, Jack= 12, Queen=13, King=14 **Skill:** Number recognition, multiplication, fractions, numerator, and denominator **How to Play:** Players split a deck of cards and simultaneously flip over their top two cards, using the smaller card as the numerator. The greatest fraction wins all cards. If the cards are equivalent fractions, the cards are placed in a center pile. The next hand is played normally and the winner of the next fraction multiplication number battle takes the center pile as well.

Task

Dancing Digits A local organization hosted a dance competition to raise money for its new building. The dance competition turned out to be very popular! The organization raised $374,318 for their new building.

a) Look at the digits in the hundreds place and hundred thousands place. How many times greater is the 3 in the hundred thousands place than the 3 in the hundreds place? Explain how you know.

b) Change the digit in the thousands place so that the value of the new digit represents 1 10 of the value of the digit in the ten thousands place. Explain how you know.