6th Grade Math Choice Board
Week of April 14-17

CHOOSE A DIFFERENT ACTIVITY EACH DAY.

Practice your multiplication facts! Create your own flash cards to use on index cards, or do your own skip counting sheet using blank paper.	Take the diagnostic test on IXL and work on the suggested skills it asks you to practice.	Go to www.khanacademy.org and search the following topics: ● Intro to Ratios ● Converting Fractions, Decimals, & Percents Watch the videos and complete the exercises.
Teach someone in your household what a ratio is and how to convert between fractions, decimals, and percents.	Draw an FDP Chart, then do an example of each type of problem.	Go on a ratio scavenger hunt to make up ratios of your own! Examples: ● Humans:Animals ● Fruits: Vegetables ● Video Games: Books ● Boys: Girls ● Basketballs:Total Balls
Find some recipes in your home. Convert the fractions in the recipe to decimals and percents. Remember FRACTION TIPPING (divide the numerator by the denominator), then move the decimal right twice!	Write a list of 10 decimals. Convert them to fractions and simplify them. Remember to SAY IT AND SIMPLIFY! (ex: 2.3 is read "two and three tenths, which would equal $2\ ^{3}/_{10}$) Then convert those 10 decimals into percentages.	Using a pack of M&M's, Skittles, Jelly Beans, or any other type of colored candies, write the ratio of each color in the bag to the total amount of candies. Then figure out what percent each color represents compared to the whole bag! Ex: 3 reds out of 10 would represent 3:10 or 3/10, which is 30%

6th Grade Math Choice Board
Week of April 20-24

CHOOSE A DIFFERENT ACTIVITY EACH DAY.

Practice your multiplication facts! Create your own flash cards to use on index cards, or do your own skip counting sheet using blank paper.	Take the diagnostic test on IXL and work on the suggested skills it asks you to practice.	Go to www.khanacademy.org and search the following topics: ● Ordering Negative Numbers ● Absolute Value Watch the videos and complete the exercises.
Look in magazines, newspapers, books, and/or the internet to find different positive and negative numbers. Place all of the numbers you find in order from least to greatest.	Draw a picture showing a scene that represents a negative integer. Examples: ● Below Zero (temperature) ● Below sea level ● Airplane descending	Draw a picture explaining how absolute value can be compared to a car wash.
With a deck of cards, play integer war! *Directions: Split the deck evenly between two people. All black cards represent a positive number, and all reds represent a negative. Each person will lay 1 card down at the same time. Whoever has the higher value keeps those cards. The person with the most cards at the end wins!. Aces=1, Jacks=11, Queens=12, Kings=13*	Draw a number line and graph -7 and 4. Using the definition of absolute value (how far a number is from zero on a number line), show which number has a greater absolute value: $|-7|$_____$|4|$ $(<, >, =)$	Write 20 different integers (some negative, some positive) on index cards or small pieces of paper. Arrange the pieces of paper in ascending order. Then, shuffle them up and place them in descending order.

6th Grade Math Choice Board
Week of April 27-May 1

CHOOSE A DIFFERENT ACTIVITY EACH DAY.
(You may use your desmos calculator on all of these activities this week)

Practice your multiplication facts! Create your own flash cards to use on index cards, or do your own skip counting sheet using blank paper.	Take the diagnostic test on IXL and work on the suggested skills it asks you to practice.	Go to www.khanacademy.org and search the following topics: ● Intro to Exponents ● Multiplying Fractions ● Dividing Fractions Watch the videos and complete the exercises.
Teach someone in your household how to multiply and divide fractions (multiply straight across, KCF). Then teach them about exponents!	Write all numbers 1 through 100. Using a highlighter or colored pencil, color in the numbers that are considered perfect squares.	Play perfect square ball! If you don't have anyone in your home to play with you, you can just toss the ball to yourself. Each time you catch it, say the next perfect square (starting at 1, ending at 225...unless you want to go higher!)
Write each of the following problems in expanded form (show the multiplication problem), then evaluate (find the answer!) ● 4^3 ● 2^7 ● 5^4 ● 10^6 ● 7^2	Write a paragraph explaining how KCF works (Keep Change Flip!). Then show an example of your own with dividing fractions.	Write 10 word problems involving addition, subtraction, multiplication, and division of fractions. Then solve them!