**6th grade Online Learning Math Plan for school closure from March 16 through April 6**

* **You will be responsible for completing the IXL skills listed below (please follow directions to access these skills).  Complete the IXL skills outlined below by the date given.**
* **You will also be responsible for completing 15 lessons on iReady.  To log into iReady, go to Clever and then click on the iReady app.**
* **Grading will be as follows:  *IXL will be 100 formative points per week (300 points total) and iReady will be 50 formative points per week for 5 skills (150 points total).***

**Student Directions:**

1. **Log into IXL, 6th grade Math, and go to “Learning” (upper left) and then click on “Common Core.”**
2. **The following are the skills you will be responsible for completing.**

**Number System DUE DATE is Sunday, March 22**

* + - [**Division patterns with zeroes (6-C.2)**](https://www.ixl.com/math/grade-6/division-patterns-with-zeroes)
		- [**Divide numbers ending in zeroes: word problems (6-C.3)**](https://www.ixl.com/math/grade-6/divide-numbers-ending-in-zeroes-word-problems)
		- [**Divide whole numbers - 2-digit divisors (6-C.5)**](https://www.ixl.com/math/grade-6/divide-whole-numbers-2-digit-divisors)
		- [**Divide whole numbers - 3-digit divisors (6-C.6)**](https://www.ixl.com/math/grade-6/divide-whole-numbers-3-digit-divisors)
		- **Understanding integers (6-M.1)**
		- **Understanding opposite integers (6-M.)**
		- **Rational numbers: find the sign (6-P.7)**
		- **Quadrants (6-X.3)**
		- **Decimal number lines (6-F.8)**
		- **Integers on number lines (6-M.2)**
		- **Graph integers on horizontal and vertical number lines (6-M.3)**
		- **Rational numbers on number lines (6-P.)**
		- **Objects on a coordinate plane (6-X.1)**
		- **Graph points on a coordinate plane (6-X.2)**
		- **Compare integers (6-M.6)**
		- **Compare rational numbers (6-P.2)**
		- **Put rational numbers in order (6-P.3)**
		- **Compare temperatures above and below zero (6-T.9)**
		- **Understanding absolute value (6-M.4)**
		- **Absolute value (6-M.5)**
		- **Absolute value and integers: word problems (6-M.9)**
		- **Absolute value of rational numbers (6-P.4)**

**Expressions and Equations DUE DATE is Sunday, March 29**

* + - **Integer inequalities with absolute values (6-M.8)**
		- **Put rational numbers in order (6-P.3)**
		- **Absolute value of rational numbers (6-P.4)**
		- **Coordinate planes as maps (6-X.4)**
		- **Distance between two points (6-X.5)**
		- **Follow directions on a coordinate plane (6-X.6)**
		- **Write variable expressions: word problems (6-Y.3)**
		- **Model and solve equations using algebra tiles (6-Z.4)**
		- **Write and solve equations that represent diagrams (6-Z.5)**
		- **Solve one-step addition and subtraction equations with whole numbers (6-Z.)**
		- **Solve one-step multiplication and division equations with whole numbers (6-Z.)**
		- **Solve one-step equations with whole numbers (6-Z.6)**
		- **Solve one-step equations with decimals, fractions, and mixed numbers (6-Z.7)**
		- **Solve one-step equations: word problems (6-Z.8)**

**Geometry DUE DATE is Sunday, March 29**

* + - **Area of triangles (6-FF.3)**
		- **Area of parallelograms and trapezoids (6-FF.4)**
		- **Area of quadrilaterals (6-FF.5)**
		- **Area of compound figures (6-FF.6)**
		- **Area of compound figures with triangles (6-FF.24)**
		- **Volume of cubes and rectangular prisms (6-FF.14)**
		- **Graph triangles and quadrilaterals (6-CC.8)**
		- **Nets of three-dimensional figures (6-EE.3)**
		- **Surface area of cubes and rectangular prisms (6-FF.16)**
		- **Surface area of triangular prisms (6-FF.18)**

**Statistics and Probability DUE DATE is Sunday, April 5**

* + - **Identify statistical questions (6-HH.1)**
		- **Create line plots (6-GG.4)**
		- **Interpret stem-and-leaf plots (6-GG.18)**
		- **Create stem-and-leaf plots (6-GG.19)**
		- **Interpret box-and-whisker plots (6-GG.20)**
		- **Calculate quartiles and interquartile range (6-HH.7)**
		- **Mean, median, mode, and range: find the missing number (6-HH.4)**
		- **Create line plots (6-GG.4)**
		- **Create histograms (6-GG.12)**
		- **Interpret box-and-whisker plots (6-GG.20)**
		- **Interpret line plots (6-GG.3)**
		- **Interpret histograms (6-GG.11)**
		- **Identify representative, random, and biased samples (6-HH.9)**
		- **Calculate mean, median, mode, and range (6-HH.2)**
		- **Interpret charts and graphs to find mean, median, mode, and range (6-HH.3)**
		- **Calculate mean absolute deviation (6-HH.6)**
		- **Calculate quartiles and interquartile range (6-HH.7)**
		- **Identify an outlier and describe the effect of removing it (6-HH.)**