**Choose a Number Project** 

**Due Monday, January 27, 2020**

This is an optional activity, but all students are encouraged to participate

For this project you will choose a whole number that has a special significance to you and create a poster, book, or multi-media presentation about it.

**Your finished product must include:**

* An explanation of why you chose this number.
* All **factor pairs** for your number.
* A description of our number. For example, is it:
	+ Odd or even?
	+ **Prime** or **composite**?
	+ A **multiple** of 1, 2, 3, 4, 5, 6, 7, 8 or 9?
* A pattern in which your number is the **fifth term** in a sequence of ten numbers.
* Four different word problems in which your number is the **sum**, the **difference**, the **product** and the **quotient**.
* Four different equations in which your number is an **unknown addend**, a **subtrahend**, an **unknown factor** and a **divisor**.
* Two **multi-step** word problems featuring your number.
* The written word (and/or symbol) for your number in three foreign languages.
* Two statistics or facts involving your number (for example, a cheetah can run for short distances at 70mph, there are 42 US gallons in a barrel of oil, etc.) Hint: to research this type your number and then the word number in brackets into a search engine, for example, 70 (number)
* Three photographs, drawings, or newspaper/magazine clippings showing where you have recently seen your number used in the real world.
* A drawing or design that you create that represents your number in a unique way.

Be creative in your presentation and be sure to use our classroom resources to check the meaning of any math vocabulary above that you are unsure of.