**Ms. Jamila Omar**

**Newsletter 5th, 6th, 7th, 8th Science and Math**

**5th Grade Math:**

Use spreadsheet software to demonstrate the concepts in Parts 1 and 3 of Lesson.

Students use multiple representations of a continuing pattern to solve problems and

Work with computer spreadsheets. Students use spreadsheet software to name cells.

 Review and Quiz on 3.6 Science Experiment

**6th Grade Math:**

Make sure students understand that divide rational numbers is another way of representing the absolute values. If the numbers have different signs, the quotient is negative. If the numbers have the same sign; the quotient is positive. This lesson provides an opportunity to address this mathematical practice standard. It calls for Students to apply mathematic to problems arising in everyday life, society, and the workplace. Students will be able to us mathematics to model situations in everyday life.

**7th Grade Math:**

Remind students that a scale drawing must be proportional to a life-size drawing of the same object. Since a scale drawing and a life-size drawing are proportional, they are similar; any corresponding angles will have equivalent measures, and the ratios of the lengths of corresponding sides are proportional. Students use scale of a scale drawing to find the actual measurements by writing and solving. Students will learn how to take an object drawn to one scale and redraw it in another scale. Quiz on 8.1 Similar Shapes and Scale Drawings

proportions.

**8th Grade Math:**

Identify polynomials as an algebraic expression. Introduce to polynomials and polynomial functions. Evaluate a polynomial function for given inputs Collect like terms in a polynomial and add polynomials. Find the opposite of a polynomial and subtract polynomials. Quiz on 4.1 introduction to polynomials and polynomial functions.

**Science 5th and 6th Grade:**

Start a new lesson “How traits are controlled”. What is Heredity? Learn what genetics, acquired trait, and inherited traits are. Learn the different traits of pea-plants including dominant and recessive form. Learn how to do Mendel`s experiment and punnet squares. There are two kinds of punnet squares known as Purebred Cross and Hybrid Cross.

**Science 7th and 8th Grade:**

Learn a new function within the body. We will learn the function of the ear lobe.

Learn the functions of auditory nerve, Pinna, Cochlea, Cochlea nerve, stapes, Malleus, Temporal bone, Ear canal, Eustachian, Tympanic membrane. Vestibular nerve.

We will discuss all functions and what they are responsible for.