**Connections Research Project**

Overview

Throughout the next five weeks, you will be working in groups to attempt to answer a research question. In doing so, you will be following the steps of the scientific method. Therefore, you will be conducting research, hypothesizing, experimenting, analyzing results, and drawing conclusions. Participation points will be awarded every week and each of you will be receiving an individual final grade. You and your partner will be required to **submit** a formal lab report, **construct** a poster board that displays your findings, and also **present** your project in the form of an Animoto Video. You may choose a research question from the list below:

* What is the best way to keep an ice cube from melting?
* What makes ice melt the fastest?
* Can background noise affect how well we concentrate?
* What paper towel brand is the strongest?
* Does the color of food or drink effect what people like?
* Can adults pass a middle school science test?
* Do people take longer when someone is waiting?
* Does gender affect color preference?
* Can people really taste the difference between fat-free and regular foods?
* Does the color of paper on which something is printed help people remember information better?
* Does highlighting what you read help you remember more easily?
* Are boys or girls better at multitasking?
* Does music improve one’s task performance?
* What brands of bubble gum produce the biggest bubbles?
* Does age affect human reaction times?
* What is the effect of salt on the boiling temperature of water?
* Does the color of hair affect how much static electricity it can carry?
* Do athletic students have better lung capacity?
* What brand of battery lasts the longest?
* Which of the three senses-- sight, hearing, or touch--produces the quickest reactions in humans?
* Do males and females have different abilities in estimating an object's size?
* How well do people identify foods using only the sense of smell?
* What effect does eye color have on the ability to distinguish between colors in low light?
* Do people respond more quickly to visual or auditory stimuli?
* Does smell affect memory?
* **OR,** you can think of your own question, but it must be approved by your teachers.