WELCOME TO DR. WILSON’S 7TH GRADE SCIENCE CLASS!



Science class this year should be an interesting time. We will explore, investigate and discover many new things. This year you will be taking on different roles, acting as scientists to explore different topics. You will model medical school students, engineering interns, and student geology majors to name a few. We will investigate Life Science topics such as how important the living organisms are that live inside of us (called the microbiome), how our body gets its energy, what traits are and why we may look very similar or very different than others in our family. We will also explore Earth Science topics such as how Ocean Currents can affect an area’s climate and weather, how the Earth is constantly but slowly changing due to “plate movements” and how these moving plates constantly and slowly change one rock type into another. We will be taking on active roles as researchers investigating real world and current issues with all of these topics. So get ready to explore, research, investigate, analyze and discover some of the amazing mysteries of our world.  

**CLASS MATERIALS:**

Whenever we meet in class, please bring a pencil, a 2 pocket folder, and your ***CHARGED*** Chromebook.

**UNITS OF STUDY:**

***INTRODUCTION***:

 We will review the Scientific Method and practice our observation and laboratory skills.

***MICROBIOME:***

 We will explore the importance of bacteria living on and within us.

***METABOLISM:***

 We will investigate how our body gets its energy.

***TRAITS & REPRODUCTION***:

 We will explore how traits get passed on from one generation to the next.

***OCEAN, ATMOSPHERE & CLIMATE:***

We will explore how the ocean contributes to an area’s climate.

***WEATHER PATTERNS***:

 We will investigate what causes “weather”.

***PLATE MOTION***:

 We will study how the Earth’s plates move, and what that may cause.

***ROCK TRANSFORMATION***:

 We will explore how rock can change over time to become new and different rock to transform our planet.

I am looking forward to starting our journey of exploration together this year. Let’s make this a memorable, fun and amazing year!