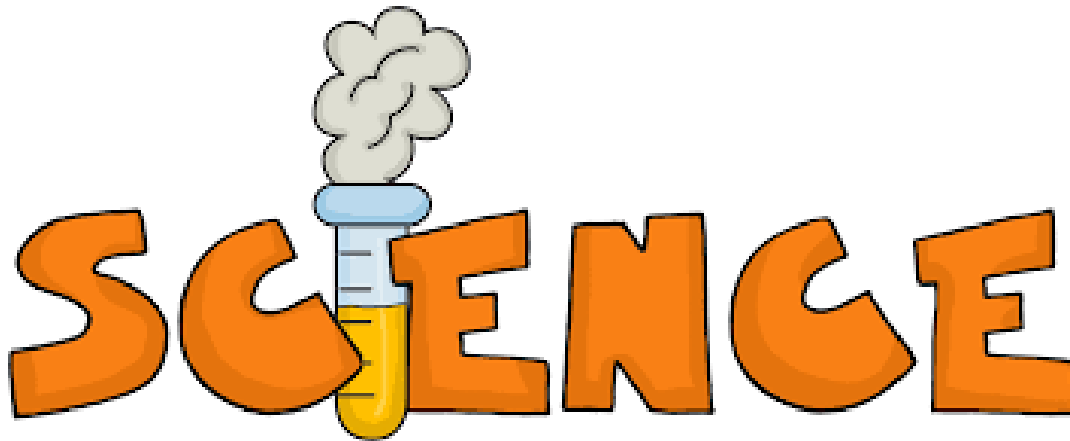


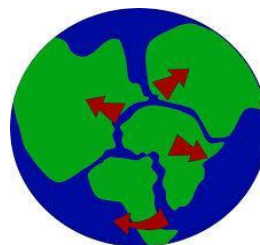


6th grade Science

In 6th grade, students use the integrated Amplify Science program. The Amplify program is a phenomena-based Science curriculum that blends hands-on investigations, literacy-rich activities, and interactive digital tools to help students to think, read, write, and argue like real scientists and engineers. Scientific argumentation using evidence and reasoning is a skill that is practiced throughout the program. Each unit of the program is aligned with the Next Generation Science Standards (NGSS) and engages students in real-world problems where they investigate scientific phenomena, engage in collaboration and discussion, and develop models or explanations in order to arrive at solutions.

Units of study this year are:

Microbiome
Metabolism
Traits and Reproduction
Medical Detectives (Project Lead the Way unit)



Possible other units if time allows:
[Thermal Energy]
[Ocean, Atmosphere, and Climate]
[Weather Patterns]
[Earth's Changing Climate]

Assessment

Students are assessed on the work done in the Investigation Notebook, lesson activities, and daily participation. Summative assessments incorporate the written arguments, Critical Juncture, and End of Unit assessments.

Here's to a great year!

Mrs. Annemarie A. Rand