



Middle School Science

Students will learn:

- how humans and other organisms are organized starting with the cellular level
- how organisms keep balance in order to preserve life as well as their own species.
- planetary relationships
- how the earth was formed
- heating and cooling scientific principles.
- how matter has different properties and reacts differently in specific situations
- the different atoms that exist and use the periodic table to guide in discoveries
- the atmosphere and water cycle



Mr. Arrendell

Mr. Zebelman



Mr. Lee

Living Environment

Learn about how living things interact with one another and the Earth

Students will learn about:

- Scientific Methods and how scientists work
- Cells and their functions
- Genetics
- Evolution
- Ecology
- Human Body Systems
- Human Impact on the Environment

Mr. Sheffer

Mrs. Hohmann

Mr. Geary

Mr. Gallagher

Earth Science

It is the most important science of all because we all live on the earth!

We study:

- Planets and stars
- Earth materials [water, minerals, rocks, fossils, magma]
- Earth processes [plate tectonics, rock formation, weathering and erosion]
- Meteorology
- Climate



Mr. Lanik



Mrs. Dunbar

Science 7 & Environmental Science

No matter whether you are a 7th grader or a Senior in Environmental Science, I'm here to help you access the knowledge that will help you become a lifelong learner and an informed citizen.



Mr. Zebelman

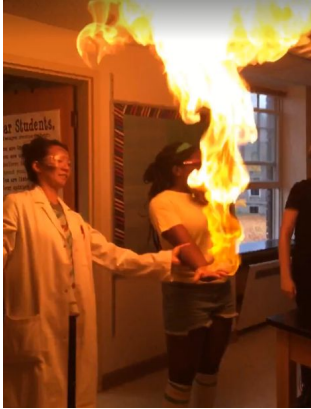
Chemistry

The study of matter and its interactions.

Students will learn about:

- The atom and its parts
- The periodic table
- Bonding and intermolecular forces

- Chemical reactions
- Acids and bases
- Solution chemistry
- Organic chemistry
- Electrochemistry
- Nuclear chemistry



Ms. Eng



Ms. Kraeger

Mr. Gallagher

Physics

Physics can be seen in everything you do and see! In short it is the study of how the universe works.

Topics include:

Mechanics

Objects in Motion(Kinematics)

Electricity and Magnetism

Waves

Modern Physics (Atomic, Nuclear, and Particle)



Ms. Kays (center) with some alumni!