

Science Curriculum

Sixth Grade

- The scientific process including observation, measurement, data analysis and experimentation
- Knowledge of vertebrate animals and mammals
- Knowledge of human body systems including genetics, heredity and reproduction
- Substance abuse
- Physics concepts such as forces, motion, inertia, and simple machines
- Chemistry concepts such as periodic table, chemical reactions, atoms, elements and compounds
- The earth science topic of the universe

Seventh Grade

- The scientific process including observation, measurement, data analysis and experimentation
- Plant and animal cells
- Human genetics
- Physical and chemical changes of matter
- Single cells organisms
- Solar system
- Photosynthesis
- Food chain/food web
- Invertebrates
- Growth and development

Eighth Grade

- The scientific process including observation, measurement, data analysis and experimentation
- Earth history
- Natural selection and human evolution
- Classification of living things
- Forms of energy heat, sound, and light
- Eco-systems and biomes
- Waste management and pollution