

Topics to be covered for 8th Grade Science

1. Scientific Method
 - A. Introduce steps in a scientific method
 - B. Technology and the scientific method
 - C. Find solutions to problems using the scientific method

2. Geology of the earth
 - A. Structure of the earth
 - B. Classification of Rocks
 - C. Classification of Minerals

3. Chemistry: Atomic Structure
 - A. Kinetic theory of matter
 - B. Atoms and subdivision
 - C. Elements and Atomic structure
 - D. Atoms and elements forming new substances
 - E. Chemical changes

4. Animal classification
 - A. Study of vertebrates
 - B. Classify
 - C. Dissect
 - D. Compare and contrast

5. Cells and Heredity
 - A. Science of heredity
 - B. Human inheritance
 - C. Human genetic disorders
 - D. Advances in Genetics

6. Oceanography
 - A. Ocean's regions and makeup
 - B. External forces and energy on our oceans
 - C. Shoreline features
 - D. Oceans impact on life necessities

