

Science Curriculum by Grade

Sixth Grade

Life:

- Basic functions in organisms and their relationship to cells
- Multi-cellular organisms and specialized cells
- How plant and animal cells differ
- Reproduction and the passing of traits and continuation of species
- Asexual reproduction and inherited traits
- Sexual reproduction and inherited traits
- Heredity and inherited characteristics
- Interaction of organisms

Physical:

- Mass and volume
- Chemical changes, new substances, and different properties
- Physical changes and unchanged substances
- Chemical and physical changes around us
- Energy, nonrenewable resources and their origin
- Management of renewable and nonrenewable resources

Earth/Space:

- Rock cycle, types of rocks, and their formation
- Rocks and minerals
- Identification of minerals by their characteristic properties