

Science Curriculum by Grade

First Grade

Life:

- Basic needs of organisms
- Sources of food for different organisms
- Body parts of organisms that aid in their survival
- Use of plants/animals for animals' food, shelter, nesting
- Effect of seasonal changes on health, survival, activities of organisms

Physical:

- Classify objects according to materials they are made of and physical properties
- Changes of water into liquid and solid
- Effect of various things on properties of materials
- Changes that greatly affect properties of an object and those that leave properties largely unchanged
- Effect objects have on others when objects don't touch
- How things move, change direction, speed, stop
- How energy makes things work
- Sun as an energy source
- Ways energy can be obtained from many sources

Earth/Space:

- How organisms cause changes in the environment where they live; types of changes
- Different types of materials in the lithosphere
- Resources we get from living/nonliving things and the environment
- How reducing, reusing, recycling may extend limited resources