

Science Curriculum by Grade

Second Grade

Life:

- Basic needs of animals, including humans
- Distinct environments that support different kinds of animals
- Why organisms can survive only in environments that meet their needs
- Similarities and differences among different plants/animals, including humans
- How food is a basic need of plants/animals and is a source of energy
- Different structures of plants/animals that help them live in different environments
- Compare habitats of Ohio plants/animals and interdependence
- Compare activities of Ohio's common animals, how different seasons cause changes in behavior and body covering
- Compare Ohio plants during different seasons according to appearance

Physical:

- How things make different sounds
- Sounds of different vibrating objects
- How light travels in a straight line until striking an object

Earth/Space:

- The abundance of stars
- How the sun, moon, and stars move slowly across the sky
- Different phases of the moon
- Development of the space program and space exploration
- Daily and seasonal weather patterns
- Measurable quantities of weather