

Scope and Sequence for K-3 Science

Life Science (Zoology, Botany, Human Anatomy):

- Grouping and classification of living and nonliving things
- Life Cycle
- Food Chain
- Interrelationships of animals and plants
- Plant and animal food
- Habitats and Homes

- Common animals
- Animal babies
- Pets and their care
- Farm animals
- Zoo and circus animals
- Common birds
- Animals in winter
- Animal helpers
- Useful and harmful animals
- Animal defense of themselves and their young
- Woodland animals
- Desert animals
- Sea Animals

- Common plants, trees, and flowers
- Seeds, bulbs, plants, flowers
- Plant reproduction and growth
- Like and unlike plants
- Indoor plants
- Forest plants
- Desert plants
- Sea Plants

- Senses
- Parts of the body
- Physical fitness

Ecology (endangered species, conservation, recycling):

- Dinosaurs and other extinct animals
- Conservation of plants and animals

Physical Science (Chemistry, Physics):

- Observation of everyday, familiar things
- Scientific method and scientific inquiry
- Simple measurement
- Beginning experimentation

- Solids, liquids, gases

- Fire and temperature

- Light and color
- Magnets
- Compass
- Electricity
- Gravity
- Energy and its sources
- Force and work
- Simple machines

Earth Science (Astronomy, Meteorology, Geology):

- The sun: our principal source of energy
- Earth
- Moon
- Stars and Simple constellations
- Planets
- Earth satellites
- Exploring space
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- Day and night
- Seasons
- Weather
- Temperature
- Weather and its effects on earth
- Water Cycle
- Air and atmosphere
- Effects of the seasons on the lives of people, animals, and plants
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- Earth's changing surface

Health/Safety:

- Personal hygiene
- Dental health
- Care of eyes and ears
- Good eating habits including nutrition and basic food groups
- Exercise and rest
- Diseases and their prevention
- Common cold
- Dressing for weather and activity
- Safety rules in the home and community
- Simple first aid
- Parts of the body
- Physical fitness
- Healthful leisure activities
- Proper balance of activities
- Health with relation to food, shelter, clothing