

1. Scientific Practices and Inquiry

- Asking investigable questions
- Making predictions
- Observing and comparing
- Fair testing and simple variables
- Using simple equipment safely
- Measuring and recording results
- Organising observations in tables, drawings, and simple charts
- Identifying patterns in data
- Drawing simple conclusions
- Simple engineering/design thinking: identify a problem, choose materials, test, and improve
- Safe and responsible practical work

2. Life Science

- Living and nonliving things
- Basic needs of plants and animals
- Plant parts and functions
- Habitats and survival
- Food chains
- Life cycles
- Human body basics
- Healthy habits
- Traits and adaptations
- Similarities and differences among living things

3. Physical Science

- States of matter
- Properties of materials
- Comparing and classifying materials
- Simple changes in materials, including changes in shape, state, or appearance
- Forces as pushes and pulls
- Motion and speed in simple contexts
- Light and shadows
- Sound and vibration
- Magnets and magnetic materials
- Electricity in everyday life
- Simple electrical safety

4. Earth and Space Science

- Earth materials: rock, soil, sand, and water
- Weather observations
- Seasonal patterns
- Day and night
- The Sun, Moon, and stars
- Water in the environment
- Land and water on Earth
- Introductory Earth changes
- Simple natural processes and environmental observations

5. Environment and Science-in-Society

- Caring for the local environment
- Natural resources
- Science in home, school, and community
- People who use science in their work
- Human effects on surroundings
- Safe and responsible use of science and technology
- Patterns and cause-effect relationships in everyday science contexts
- Simple environmental choices and consequences