

NATIONAL EDUCATION STANDARDS

SCIENCE

Science as Inquiry

- Abilities necessary to do scientific inquiry
- Understandings about scientific inquiry

K-4 5-8

Life Science

- Characteristics of organisms
- Life cycles of organisms
- Organisms and environments
- Structure and function in living systems
- Reproduction and heredity
- Regulation and behavior
- Populations and ecosystems
- Diversity and adaptations of organisms

Earth & Space Science

- Properties of Earth materials
- Objects in the sky
- Changes in earth and sky
- Structure of the Earth system
- Earth's history
- Earth in the solar system

Science & Technology

- Abilities to distinguish between natural and human objects
- Understanding about science and technology

Science in Personal and Social Perspectives

- Personal health
- Characteristics and changes in populations
- Types of resources
- Changes in environments
- Science and technology in local challenges
- Populations, resources, and environments
- Natural Hazards
- Risks and benefits
- Science and technology in society

History and Nature of Science

- Science as a human endeavor
- Nature of science
- History of science

ENGLISH LANGUAGE ARTS

- Reading for perspective
- Understanding the human experience
- Evaluation strategies
- Communications skills
- Communications strategies
- Applying knowledge
- Evaluating data
- Developing research skills
- Understanding and respecting diversity
- Developing English competency
- Participating in literary communities
- Using language for oneself
