

SCOPE AND SEQUENCE

UNIT	SPEAKING PRACTICE
1. Living Things	Speaking about living and non-living things.
2. Vertebrates and Invertebrates	Speaking about marine animals.
3. Plants	Speaking about trees and plants.
4. Ecosystems	Speaking about life in desert ecosystems.
5. Matter	Speaking about changes in the state of water.
6. Machines and Technology	Speaking about the machines that we use.
7. Earth and the Solar System	Speaking about Earth as seen from space.
8. Earth's Relief	Speaking about volcanic eruptions.
9. Landscapes	Speaking about reservoirs and lakes.
10. The United States of America	Speaking about the United States of America.
11. Prehistory and Ancient History	Speaking about archaeology.
12. In the Americas	Speaking about prehistory and the Roman Empire.

CONTENTS	SCIENCE CHALLENGE
What are living things? • What are cells? • How are living things organized? • Kingdoms	Describing life processes • Describing cells • Classifying living things
Mammals Are Vertebrates • Birds Are Vertebrates • Reptiles and Amphibians Are Vertebrates • Fish Are Vertebrates • Molluscs Are Invertebrates • Arthropods Are Invertebrates • Other Invertebrates	Identifying vertebrates and invertebrates • Asking questions about animals
What are plants? • The Classification of Plants by Size • Plant Nutrition • Plant Reproduction	Classifying plants • Describing flowering plants • Describing plant reproduction
What are ecosystems? • Relationships Between Living Things • Natural Ecosystems • Changes in Ecosystems	Classifying living things in an ecosystem • Describing the links in a food chain
What is matter? • States of Matter • Changes in Matter • Changes of State	Defining the properties of matter • Identifying physical changes • Identifying chemical changes
Machines • Simple Machines • Complex Machines • Technology • Technology in Our Daily Lives • Communications • Computers	Identifying simple and complex machines • Talking about past inventions • Talking about modern technology
What is the solar system? • Earth and the Moon • The Parts of Earth • Representations of Earth • Latitude and Longitude	Comparing planets • Describing Earth's movements • Locating places on Earth's surface
Volcanoes and Earthquakes • Changes in Earth's Relief • Rocks and Minerals	Describing a process • Identifying rocks
Types of Landscapes • Relief • Relief and Water • Climate and Vegetation • Fauna	Describing Earth's relief • Following a process
The United States • The Constitution • Population	Describing the institutions of the United States • Talking about population
Prehistory • Early Civilizations • The Romans • Europe in Pre-Roman Times • The Romans in Europe	Asking questions about prehistory • Describing early cultures
Civilizations in the Americas • Europe and the Americas • Colonization • Exchange of Goods and Resources	Narrating historical events • Describing the colonization of the Americas