

Middle School Earth Science delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts including Earth's systems, engineering design, the nature of the universe, and the interaction between humans and the environment.

The two-semester course is arranged in themed units, each with two to three lessons. In each unit, activities make complex ideas accessible to students as they discover the nature of science through focused content, interactive mini-investigations, multi-modal representations, and personalized feedback. Each lesson includes a variety of activities such as direct instruction, application of skills, performance tasks, and formative and summative assessments. Students engage with the subject matter in an interactive, feedback-rich environment as they progress through standards-aligned content and demonstrate their learning through computer- and teacher-scored assignments.

This course is built to state standards.

Length: Two semesters

UNIT 1: SCIENCE AND ENGINEERING

LESSON 1: WHAT IS SCIENCE?

Study: What Is Science?

Learn what science is and how scientific laws and theories are formed.

Duration: 1 hr Scoring: 0 points

Checkpoint: What Is Science?

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: What Is Science?

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: What Is Science?

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: What Is Science?

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: TYPES OF INVESTIGATIONS

Study: Types of Investigations

Learn how to conduct different types of scientific investigations.

Duration: 1 hr Scoring: 0 points

Checkpoint: Types of Investigations

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Types of Investigations

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Types of Investigations

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Types of Investigations

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: WHAT IS ENGINEERING?

Study: What Is Engineering?

Learn about engineering.

Duration: 1 hr Scoring: 0 points

Checkup: What Is Engineering?

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: What Is Engineering?

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: What Is Engineering?

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: What Is Engineering?

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 4: WRAP-UP: SCIENCE AND ENGINEERING

Review: Science and Engineering

Prepare for the unit test by reviewing key concepts and skills.

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): Science and Engineering

Take a computer-scored test to assess what you have learned in this unit.

Duration: 0 hrs 30 mins Scoring: 30 points

UNIT 2: TOOLS OF INQUIRY

LESSON 1: USING MODELS

Study: Using Models

Learn about different kinds of models and how they are used by scientists.

Duration: 1 hr Scoring: 0 points

Checkup: Using Models

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Using Models

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Using Models

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Using Models

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: TOOLS AND MEASUREMENT

Study: Tools and Measurement

Learn about appropriate tools and SI units for collecting, recording, and analyzing data.

Duration: 1 hr Scoring: 0 points

Checkup: Tools and Measurement

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Tools and Measurement

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Tools and Measurement

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Tools and Measurement

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: DISPLAYING AND INTERPRETING DATA

Study: Displaying and Interpreting Data

Learn different ways to organize, display, and analyze data.

Duration: 1 hr Scoring: 0 points

Checkup: Displaying and Interpreting Data

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Displaying and Interpreting Data

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Displaying and Interpreting Data

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Displaying and Interpreting Data

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 4: WRAP-UP: TOOLS OF INQUIRY

Review: Tools of Inquiry

Prepare for the unit test by reviewing key concepts and skills.

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): Tools of Inquiry

Take a computer-scored test to assess what you have learned in this unit.

Duration: 0 hrs 30 mins Scoring: 30 points

UNIT 3: PLANET EARTH

LESSON 1: MODELS OF EARTH

Study: Models of Earth

Learn how to interpret maps and other models of Earth.

Duration: 1 hr Scoring: 0 points

Checkup: Models of Earth

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Models of Earth

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Models of Earth

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Models of Earth

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: EARTH'S STRUCTURE AND CYCLES

Study: Earth's Structure and Cycles

Learn about Earth's structure and how materials move between Earth's different parts.

Duration: 1 hr Scoring: 0 points

Checkup: Earth's Structure and Cycles

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Earth's Structure and Cycles

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Lab: Earth's Structure and Cycles

Model Earth's structure.

Duration: 3 hrs Scoring: 50 points

Quiz: Earth's Structure and Cycles

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: WRAP-UP: PLANET EARTH

Review: Planet Earth

Prepare for the unit test by reviewing key concepts and skills.

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): Planet Earth

Take a computer-scored test to assess what you have learned in this unit.

Duration: 0 hrs 30 mins Scoring: 30 points

UNIT 4: THE GEOSPHERE

LESSON 1: MINERALS

Study: Minerals

Learn what minerals are, how they form, and some of the ways we use them.

Duration: 1 hr Scoring: 0 points

Checkup: Minerals

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Minerals

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Minerals

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Lab: Minerals

Identify mineral samples and grow your own crystals.

Duration: 3 hrs Scoring: 50 points

Quiz: Minerals

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: THE ROCK CYCLE**Study: The Rock Cycle**

Learn how different types of rock form.

Duration: 1 hr Scoring: 0 points

Checkup: The Rock Cycle

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: The Rock Cycle

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: The Rock Cycle

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: The Rock Cycle

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: SOIL**Study: Soil**

Learn what soil is made of and how it forms.

Duration: 1 hr Scoring: 0 points

Checkup: Soil

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Soil

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Soil

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Soil

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 4: WRAP-UP: THE GEOSPHERE**Review: The Geosphere**

Prepare for the unit test by reviewing key concepts and skills.

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): The Geosphere

Take a computer-scored test to assess what you have learned in this unit.

Duration: 0 hrs 30 mins Scoring: 30 points

UNIT 5: OUR CHANGING PLANET

LESSON 1: DEFORMING EARTH'S CRUST

Study: Deforming Earth's Crust

Learn how Earth's crust can be deformed.

Duration: 1 hr Scoring: 0 points

Checkpoint: Deforming Earth's Crust

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Deforming Earth's Crust

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Geologic Time

Review important ideas and skills from this lesson.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Deforming Earth's Crust

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: WEATHERING AND EROSION

Study: Weathering and Erosion

Learn how weathering and erosion break down and build up landforms.

Duration: 1 hr Scoring: 0 points

Checkpoint: Weathering and Erosion

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Weathering and Erosion

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Lab: Weathering and Erosion

Build a model to investigate how weathering and erosion by water and ice shape Earth's surface.

Duration: 3 hrs Scoring: 50 points

Quiz: Weathering and Erosion

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: GEOLOGIC TIME

Study: Geologic Time

Learn what fossils are and how scientists use them to study Earth's history.

Duration: 1 hr Scoring: 0 points

Checkpoint: Geologic Time

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Geologic Time

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Geologic Time

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Explore: Geologic Time

Research Earth's early history.

Duration: 2 hrs Scoring: 35 points

Quiz: Geologic Time

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 4: WRAP-UP: OUR CHANGING PLANET

Review: Our Changing Planet

Prepare for the unit test by reviewing key concepts and skills.

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): Our Changing Planet

Take a computer-scored test to assess what you have learned in this unit.

Duration: 0 hrs 30 mins Scoring: 30 points

UNIT 6: EARTH'S PLATES

LESSON 1: PLATE TECTONICS

Study: Plate Tectonics

Learn about Earth's tectonic plates and how they interact with one another.

Duration: 1 hr Scoring: 0 points

Checkup: Plate Tectonics

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Plate Tectonics

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Quiz: Plate Tectonics

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: EARTHQUAKES AND VOLCANOES

Study: Earthquakes and Volcanoes

Learn what causes earthquakes and volcanic eruptions.

Duration: 1 hr Scoring: 0 points

Checkup: Earthquakes and Volcanoes

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Earthquakes and Volcanoes

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Earthquakes and Volcanoes

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Earthquakes and Volcanoes

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: WRAP-UP: EARTH'S PLATES

Review: Earth's Plates

Prepare for the unit test by reviewing key concepts and skills.

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): Earth's Plates

Take a computer-scored test to assess what you have learned in this unit.

Duration: 0 hrs 30 mins Scoring: 30 points

UNIT 7: SEMESTER WRAP-UP

LESSON 1: SEMESTER WRAP-UP

Review: Semester Wrap-Up

Prepare for the semester exam by reviewing key concepts and skills.

Duration: 0 hrs 30 mins Scoring: 0 points

Exam: Semester Exam

Take a computer-scored exam to demonstrate your mastery of concepts and skills covered in this semester.

Duration: 0 hrs 40 mins Scoring: 105 points

UNIT 8: THE ATMOSPHERE, HYDROSPHERE, AND CRYOSPHERE

LESSON 1: FRESHWATER AND ICE

Study: Freshwater and Ice

Learn about Earth's hydrosphere and cryosphere.

Duration: 0 hrs 40 mins Scoring: 0 points

Checkup: Freshwater and Ice

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Freshwater and Ice

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Lab: Freshwater and Ice

Build a model to show the changes water goes through during the water cycle.

Duration: 3 hrs Scoring: 50 points

Quiz: Freshwater and Ice

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 10 mins Scoring: 15 points

LESSON 2: OCEANS

Study: Oceans

Learn about Earth's oceans, including how ocean water flows and characteristics of the ocean floor.

Duration: 0 hrs 40 mins Scoring: 0 points

Checkup: Oceans

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Oceans

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Oceans

Submit your work for a set of practice problems.

Duration: 0 hrs 30 mins Scoring: 10 points

Quiz: Oceans

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 10 mins Scoring: 15 points

LESSON 3: THE ATMOSPHERE

Study: The Atmosphere

Learn about the characteristics of Earth's atmosphere.

Duration: 0 hrs 40 mins Scoring: 0 points

Checkup: The Atmosphere

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: The Atmosphere

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: The Atmosphere

Submit your work for a set of practice problems.

Duration: 0 hrs 30 mins Scoring: 10 points

Quiz: The Atmosphere

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 10 mins Scoring: 15 points

LESSON 4: WRAP-UP: THE ATMOSPHERE, HYDROSPHERE, AND CRYOSPHERE

Review: The Atmosphere, Hydrosphere, and Cryosphere

Prepare for the unit test by reviewing key concepts and skills.

Duration: 0 hrs 20 mins Scoring: 0 points

Test (CS): The Atmosphere, Hydrosphere, and Cryosphere

Take a computer-scored test to assess what you have learned in this unit.

Duration: 0 hrs 45 mins Scoring: 30 points

UNIT 9: WEATHER AND CLIMATE

LESSON 1: WEATHER

Study: Weather

Learn what weather is and what causes different types of weather to form.

Duration: 0 hrs 40 mins Scoring: 0 points

Checkup: Weather

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Weather

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Weather

Submit your work for a set of practice problems.

Duration: 0 hrs 30 mins Scoring: 10 points

Lab: Weather

Collect and analyze wind speed and relative humidity data using an anemometer and a psychrometer.

Duration: 3 hrs Scoring: 50 points

Quiz: Weather

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 10 mins Scoring: 15 points

LESSON 2: SEVERE WEATHER

Study: Severe Weather

Learn about different types of severe weather and how you can stay safe during severe weather.

Duration: 0 hrs 40 mins Scoring: 0 points

Checkup: Severe Weather

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Severe Weather

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Severe Weather

Submit your work for a set of practice problems.

Duration: 0 hrs 30 mins Scoring: 10 points

Quiz: Severe Weather

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 10 mins Scoring: 15 points

LESSON 3: CLIMATE

Study: Climate

Learn what climate is and about some of Earth's major climate zones.

Duration: 0 hrs 40 mins Scoring: 0 points

Checkup: Climate

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Climate

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Climate

Submit your work for a set of practice problems.

Duration: 0 hrs 30 mins Scoring: 10 points

Quiz: Climate

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 10 mins Scoring: 15 points

LESSON 4: WRAP-UP: WEATHER AND CLIMATE

Review: Weather and Climate

Prepare for the unit test by reviewing key concepts and skills.

Duration: 0 hrs 20 mins Scoring: 0 points

Test (CS): Weather and Climate

Take a computer-scored test to assess what you have learned in this unit.

Duration: 0 hrs 45 mins Scoring: 30 points

UNIT 10: HUMANS AND EARTH'S RESOURCES

LESSON 1: NATURAL RESOURCES

Study: Natural Resources

Learn about Earth's main natural resources and how humans use these resources.

Duration: 0 hrs 40 mins Scoring: 0 points

Checkpoint: Natural Resources

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Natural Resources

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Natural Resources

Submit your work for a set of practice problems.

Duration: 0 hrs 30 mins Scoring: 10 points

Explore: Natural Resources

Students research natural resource in their region, why it occurs there, how it is being used, and how its use affects its supply.

Duration: 2 hrs Scoring: 35 points

Quiz: Natural Resources

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 10 mins Scoring: 15 points

LESSON 2: IMPACTS OF HUMANS

Study: Impacts of Humans

Learn how human activities have impacted Earth's systems.

Duration: 0 hrs 40 mins Scoring: 0 points

Checkpoint: Impacts of Humans

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Impacts of Humans

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Impacts of Humans

Submit your work for a set of practice problems.

Duration: 0 hrs 30 mins Scoring: 10 points

Lab: Impacts of Humans

Test water quality, model the impacts of humans on water supplies, and design a way to reduce those impacts.

Duration: 3 hrs Scoring: 50 points

Explore: Impacts of Humans

Students research advantages and disadvantages of energy resources, and effects of population growth and per-capita consumption of these resource impact Earth.

Duration: 2 hrs Scoring: 35 points

Quiz: Impacts of Humans

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 10 mins Scoring: 15 points

LESSON 3: WRAP-UP: HUMANS AND EARTH'S RESOURCES

Review: Humans and Earth's Resources

Prepare for the unit test by reviewing key concepts and skills.

Duration: 0 hrs 20 mins Scoring: 0 points

Test (CS): Humans and Earth's Resources

Take a computer-scored test to assess what you have learned in this unit.

Duration: 0 hrs 45 mins Scoring: 30 points

UNIT 11: THE SOLAR SYSTEM

LESSON 1: SUN-EARTH-MOON SYSTEM

Study: Sun-Earth-Moon System

Learn how the interactions between the Sun, Earth, and Moon cause cycles such as day and night, seasons, and tides.

Duration: 0 hrs 40 mins Scoring: 0 points

Checkup: Sun-Earth-Moon System

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Sun-Earth-Moon System

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Sun-Earth-Moon System

Submit your work for a set of practice problems.

Duration: 0 hrs 30 mins Scoring: 10 points

Lab: Sun-Earth-Moon System

Build a 3D model of the Sun-Earth-Moon system to explain the causes of day and night, seasons, the lunar cycle, and solar and lunar eclipses.

Duration: 3 hrs Scoring: 50 points

Quiz: Sun-Earth-Moon System

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 10 mins Scoring: 15 points

LESSON 2: OUR SOLAR SYSTEM

Study: Our Solar System

Learn about objects in our solar system, including planets, moons, comets, and asteroids.

Duration: 0 hrs 40 mins Scoring: 0 points

Checkup: Our Solar System

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Our Solar System

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Our Solar System

Submit your work for a set of practice problems.

Duration: 0 hrs 30 mins Scoring: 10 points

Quiz: Our Solar System

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 10 mins Scoring: 15 points

LESSON 3: WRAP-UP: THE SOLAR SYSTEM

Review: The Solar System

Prepare for the unit test by reviewing key concepts and skills.

Duration: 0 hrs 20 mins Scoring: 0 points

Test (CS): The Solar System

Take a computer-scored test to assess what you have learned in this unit.

Duration: 0 hrs 45 mins Scoring: 30 points

UNIT 12: EXPLORING THE UNIVERSE

LESSON 1: THE UNIVERSE

Study: The Universe

Learn how our universe formed and about its general structure.

Duration: 0 hrs 40 mins Scoring: 0 points

Checkpoint: The Universe

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: The Universe

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Explore: The Universe

Choose one of the examples of artificial selection given in the standard. In Part 1, students will identify possible sources. In Part 2, students should be asked specific questions to help them gather the information they need to answer Part 3. In Part 3, students could make a presentation, write an essay, etc. that requires them to synthesize the information they gathered.

Duration: 2 hrs Scoring: 35 points

Quiz: The Universe

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 10 mins Scoring: 15 points

LESSON 2: OUR SUN AND OTHER STARS

Study: Our Sun and Other Stars

Learn how stars form and evolve, as well as about the structure of our Sun.

Duration: 0 hrs 40 mins Scoring: 0 points

Checkpoint: Our Sun and Other Stars

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Our Sun and Other Stars

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Our Sun and Other Stars

Submit your work for a set of practice problems.

Duration: 0 hrs 30 mins Scoring: 10 points

Quiz: Our Sun and Other Stars

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 10 mins Scoring: 15 points

LESSON 3: SPACE EXPLORATION

Study: Space Exploration

Learn about the history and future of space exploration.

Duration: 0 hrs 40 mins Scoring: 0 points

Checkpoint: Space Exploration

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Space Exploration

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Space Exploration

Submit your work for a set of practice problems.

Duration: 0 hrs 30 mins Scoring: 10 points

Quiz: Space Exploration

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 10 mins Scoring: 15 points

LESSON 4: WRAP-UP: EXPLORING THE UNIVERSE**Review: Exploring the Universe**

Prepare for the unit test by reviewing key concepts and skills.

Duration: 0 hrs 20 mins Scoring: 0 points

Test (CS): Exploring the Universe

Take a computer-scored test to assess what you have learned in this unit.

Duration: 0 hrs 45 mins Scoring: 33 points

UNIT 13: SEMESTER WRAP-UP**LESSON 1: SEMESTER WRAP-UP****Review: Semester Wrap-Up**

Prepare for the semester exam by reviewing key concepts and skills.

Duration: 0 hrs 20 mins Scoring: 0 points

Exam: Semester Exam

Take a computer-scored exam to demonstrate your mastery of concepts and skills covered in this semester.

Duration: 0 hrs 40 mins Scoring: 105 points