

Florida Middle School M/J Comprehensive Science 1 delivers instruction, practice, and review to help students develop scientific literacy, deepen conceptual understanding, and apply scientific practices. Students explore concepts such as Earth's structures, systems, and patterns; the organization, development, and evolution of organisms; and the relationship between force and motion.

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 the Next Generation Science Standards for middle school science.

Length: Two semesters

UNIT 1: SCIENCE AND ENGINEERING

LESSON 1: INTRODUCTION TO SCIENCE

Study: Introduction to Science

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

Duration: 1 hr Scoring: 0 points

Checkpoint: Introduction to Science

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Introduction to Science

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Introduction to Science

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Explore: Introduction to Science

Research the background, interests, and career of a scientist.

Duration: 2 hrs Scoring: 35 points

Quiz: Introduction to Science

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: SCIENTIFIC INVESTIGATIONS

Study: Scientific Investigations

Learn how to conduct different types of scientific investigations.

Duration: 1 hr Scoring: 0 points

Checkpoint: Scientific Investigations

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Scientific Investigations

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Scientific Investigations

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Scientific 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**Discuss: Science and Engineering**

Discuss learning strategies.

Duration: 0 hrs 20 mins Scoring: 10 points

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 various 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: MEASUREMENT AND TOOLS

Study: Measurement and Tools

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

Duration: 1 hr Scoring: 0 points

Checkup: Measurement and Tools

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Measurement and Tools

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Measurement and Tools

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Measurement and Tools

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: INTERPRETING AND DISPLAYING DATA

Study: Interpreting and Displaying Data

Learn ways to organize, display, and analyze data.

Duration: 1 hr Scoring: 0 points

Checkup: Interpreting and Displaying Data

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Interpreting and Displaying Data

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Interpreting and Displaying Data

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Interpreting and Displaying 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

Discuss: Tools of Inquiry

Discuss how to use math to make a scale model.

Duration: 0 hrs 20 mins Scoring: 10 points

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: FORCE AND MOTION

LESSON 1: DESCRIBING FORCES

Study: Describing Forces

Learn what forces are and how they can be described.

Duration: 1 hr Scoring: 0 points

Checkup: Describing Forces

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Describing Forces

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Describing Forces

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Describing Forces

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: DESCRIBING AND GRAPHING MOTION

Study: Describing and Graphing Motion

Learn how to describe the motion of an object and the differences between speed, velocity, and acceleration.

Duration: 1 hr Scoring: 0 points

Checkup: Describing and Graphing Motion

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Describing and Graphing Motion

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Describing and Graphing Motion

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Lab: Describing and Graphing Motion

Design and conduct an experiment to determine how mass and unbalanced forces affect an object's motion.

Duration: 3 hrs Scoring: 50 points

Quiz: Describing and Graphing Motion

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: EFFECTS OF FORCES

Study: Effects of Forces

Learn how forces affect the motion of objects.

Duration: 1 hr Scoring: 0 points

Checkup: Effects of Forces

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Effects of Forces

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Effects of Forces

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Lab: Effects of Forces

Investigate how forces affect the motion of objects.

Duration: 3 hrs Scoring: 50 points

Quiz: Effects of Forces

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 4: WRAP-UP: FORCE AND MOTION

Discuss: Force and Motion

Discuss your lab results.

Duration: 0 hrs 20 mins Scoring: 10 points

Review: Force and Motion

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

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): Force and Motion

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

Duration: 0 hrs 30 mins Scoring: 30 points

UNIT 4: NONCONTACT FORCES

LESSON 1: ELECTROMAGNETIC FORCES

Study: Electromagnetic Forces

Learn what an electromagnetic force is and the factors that affect its strength.

Duration: 1 hr Scoring: 0 points

Checkup: Electromagnetic Forces

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Electromagnetic Forces

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Electromagnetic Forces

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Lab: Electromagnetic Forces

Investigate electric fields and magnetic fields.

Duration: 3 hrs Scoring: 50 points

Quiz: Electromagnetic Forces

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: GRAVITATIONAL FORCE

Study: Gravitational Force

Learn what gravitational force is and the factors that affect its strength.

Duration: 1 hr Scoring: 0 points

Checkup: Gravitational Force

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Gravitational Force

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Gravitational Force

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Gravitational Force

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: WRAP-UP: NONCONTACT FORCES**Discuss: Noncontact Forces**

Discuss real and imaginary forces.

Duration: 0 hrs 20 mins Scoring: 10 points

Review: Noncontact Forces

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

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): Noncontact Forces

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

Duration: 0 hrs 30 mins Scoring: 30 points

UNIT 5: FORCES AND PLANET EARTH**LESSON 1: 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

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 2: WEATHERING, EROSION, AND DEPOSITION**Study: Weathering, Erosion, and Deposition**

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

Duration: 1 hr Scoring: 0 points

Checkup: Weathering, Erosion, and Deposition

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Weathering, Erosion, and Deposition

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Lab: Weathering, Erosion, and Deposition

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, Erosion, and Deposition

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: WRAP-UP: FORCES AND PLANET EARTH

Discuss: Forces and Planet Earth

Discuss careers that involve science.

Duration: 0 hrs 20 mins Scoring: 10 points

Review: Forces and Planet Earth

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

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): Forces and 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 6: ENERGY

LESSON 1: DESCRIBING ENERGY

Study: Describing Energy

Learn what energy is and the various forms it takes.

Duration: 1 hr Scoring: 0 points

Checkup: Describing Energy

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Describing Energy

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Describing Energy

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Describing Energy

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: ENERGY TRANSFER AND TRANSFORMATION

Study: Energy Transfer and Transformation

Learn how energy can be transferred and how it can transform into different forms.

Duration: 1 hr Scoring: 0 points

Checkup: Energy Transfer and Transformation

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Energy Transfer and Transformation

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Energy Transfer and Transformation

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Energy Transfer and Transformation

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: WRAP-UP: ENERGY

Discuss: Energy

Discuss real-world applications of the concepts.

Duration: 0 hrs 20 mins Scoring: 10 points

Review: Energy

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

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): Energy

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: ENERGY AND EARTH'S SYSTEMS

LESSON 1: FRESHWATER

Study: Freshwater

Learn about Earth's hydrosphere and cryosphere.

Duration: 1 hr Scoring: 0 points

Checkup: Freshwater

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Freshwater

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Lab: Freshwater

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

Duration: 3 hrs Scoring: 50 points

Quiz: Freshwater

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 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: 1 hr 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 20 mins Scoring: 10 points

Quiz: Oceans

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: EARTH'S ATMOSPHERE

Study: Earth's Atmosphere

Learn about the characteristics of Earth's atmosphere.

Duration: 1 hr Scoring: 0 points

Checkup: Earth's Atmosphere

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Earth's Atmosphere

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Earth's Atmosphere

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Earth's Atmosphere

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 4: WRAP-UP: ENERGY AND EARTH'S SYSTEMS

Discuss: Energy and Earth's Systems

Discuss ways to improve your study skills.

Duration: 0 hrs 20 mins Scoring: 10 points

Review: Energy and Earth's Systems

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

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): Energy and Earth's Systems

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

Duration: 0 hrs 30 mins Scoring: 30 points

UNIT 9: WEATHER AND CLIMATE

LESSON 1: WEATHER

Study: Weather

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

Duration: 1 hr Scoring: 0 points

Checkpoint: 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 20 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 20 mins Scoring: 15 points

LESSON 2: SEVERE WEATHER EVENTS**Study: Severe Weather Events**

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

Duration: 1 hr Scoring: 0 points

Checkpoint: Severe Weather Events

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Severe Weather Events

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Severe Weather Events

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Explore: Severe Weather Events

Research how people can prepare for and recover from natural disasters that may affect them.

Duration: 2 hrs Scoring: 35 points

Quiz: Severe Weather Events

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: EARTH'S CLIMATE**Study: Earth's Climate**

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

Duration: 1 hr Scoring: 0 points

Checkpoint: Earth's Climate

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Earth's Climate

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Earth's Climate

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Earth's Climate

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 4: WRAP-UP: WEATHER AND CLIMATE

Discuss: Weather and Climate

Discuss your lab results.

Duration: 0 hrs 20 mins Scoring: 10 points

Review: Weather and Climate

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

Duration: 0 hrs 30 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 30 mins Scoring: 30 points

UNIT 10: NATURE OF LIFE

LESSON 1: CHARACTERISTICS OF LIVING THINGS

Study: Characteristics of Living Things

Learn about the characteristics of life that all living things share.

Duration: 1 hr Scoring: 0 points

Checkup: Characteristics of Living Things

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Characteristics of Living Things

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Characteristics of Living Things

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Characteristics of Living Things

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: THE STRUCTURE OF CELLS

Study: The Structure of Cells

Learn about the structures found in prokaryotic and eukaryotic cells.

Duration: 1 hr Scoring: 0 points

Checkup: The Structure of Cells

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: The Structure of Cells

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: The Structure of Cells

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Lab: Investigating Living and Nonliving Things

Investigate the characteristics of living and nonliving things.

Duration: 3 hrs Scoring: 50 points

Quiz: The Structure of Cells

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: WRAP-UP: NATURE OF LIFE**Discuss: Nature of Life**

Discuss real-world applications of the concepts.

Duration: 0 hrs 20 mins Scoring: 10 points

Review: Nature of Life

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

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): Nature of Life

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

Duration: 0 hrs 30 mins Scoring: 30 points

UNIT 11: CELL PROCESSES**LESSON 1: CELL NUTRITION AND TRANSPORT****Study: Cell Nutrition and Transport**

Learn how cells get the nutrients they need and how materials move into and out of cells.

Duration: 1 hr Scoring: 0 points

Checkup: Cell Nutrition and Transport

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Cell Nutrition and Transport

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Cell Nutrition and Transport

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Cell Nutrition and Transport

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: CELL GROWTH AND REPRODUCTION**Study: Cell Growth and Reproduction**

Learn the various ways that organisms grow and cells divide.

Duration: 1 hr Scoring: 0 points

Checkup: Cell Growth and Reproduction

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Cell Growth and Reproduction

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Cell Growth and Reproduction

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Cell Growth and Reproduction

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: WRAP-UP: CELL PROCESSES

Discuss: Cell Processes

Discuss real-world applications of the concepts.

Duration: 0 hrs 20 mins Scoring: 10 points

Review: Cell Processes

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

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): Cell Processes

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

Duration: 0 hrs 30 mins Scoring: 30 points

UNIT 12: DIVERSITY OF LIFE

LESSON 1: DOMAINS AND KINGDOMS OF LIFE

Study: Domains and Kingdoms of Life

Learn about the major types of living things and how they are categorized into domains and kingdoms.

Duration: 1 hr Scoring: 0 points

Checkup: Domains and Kingdoms of Life

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Domains and Kingdoms of Life

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Domains and Kingdoms of Life

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Domains and Kingdoms of Life

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: CLASSIFICATION OF LIVING THINGS

Study: Classification of Living Things

Learn what a species is and how species are classified.

Duration: 1 hr Scoring: 0 points

Checkup: Classification of Living Things

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Classification of Living Things

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Classification of Living Things

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Classification of Living Things

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: WRAP-UP: DIVERSITY OF LIFE

Discuss: Diversity of Life

Discuss real-world applications of the concepts.

Duration: 0 hrs 20 mins Scoring: 10 points

Review: Diversity of Life

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

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): Diversity of Life

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

Duration: 0 hrs 30 mins Scoring: 30 points

UNIT 13: MULTICELLULAR BODIES

LESSON 1: SPECIALIZED CELLS AND TISSUES

Study: Specialized Cells and Tissues

Learn about the major kinds of specialized cells and tissues that multicellular organisms have.

Duration: 1 hr Scoring: 0 points

Checkup: Specialized Cells and Tissues

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Specialized Cells and Tissues

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Specialized Cells and Tissues

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Lab: Specialized Cells and Tissues

Investigate the functions of vascular tissues in plants.

Duration: 3 hrs Scoring: 50 points

Quiz: Specialized Cells and Tissues

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: ORGANS AND ORGAN SYSTEMS

Study: Organs and Organ Systems

Learn about the major kinds of specialized organs and organ systems that multicellular organisms have.

Duration: 1 hr Scoring: 0 points

Checkup: Organs and Organ Systems

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Organs and Organ Systems

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Organs and Organ Systems

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Organs and Organ Systems

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: WRAP-UP: MULTICELLULAR BODIES

Discuss: Multicellular Bodies

Discuss how to apply math to a real-world phenomenon.

Duration: 0 hrs 20 mins Scoring: 10 points

Review: Multicellular Bodies

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

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): Multicellular Bodies

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

Duration: 0 hrs 30 mins Scoring: 30 points

UNIT 14: THE HUMAN BODY

LESSON 1: HUMAN BODY SYSTEMS

Study: Human Body Systems

Learn about human organ systems and how they interact to maintain homeostasis.

Duration: 1 hr Scoring: 0 points

Checkup: Human Body Systems

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Human Body Systems

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Human Body Systems

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Human Body Systems

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 2: HUMAN HEALTH AND DISEASE

Study: Human Health and Disease

Learn what disease is, how diseases can be prevented or treated, and the role pathogens play in causing disease.

Duration: 1 hr Scoring: 0 points

Checkup: Human Health and Disease

Check your understanding of the lesson.

Duration: 0 hrs 20 mins Scoring: 0 points

Review: Human Health and Disease

Review important ideas and skills from this lesson.

Duration: 0 hrs 5 mins Scoring: 0 points

Practice: Human Health and Disease

Submit your work for a set of practice problems.

Duration: 0 hrs 20 mins Scoring: 10 points

Quiz: Human Health and Disease

Take a quiz to assess your understanding of the material.

Duration: 0 hrs 20 mins Scoring: 15 points

LESSON 3: WRAP-UP: THE HUMAN BODY

Discuss: The Human Body

Discuss careers that involve science.

Duration: 0 hrs 20 mins Scoring: 10 points

Review: The Human Body

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

Duration: 0 hrs 30 mins Scoring: 0 points

Test (CS): The Human Body

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

Duration: 0 hrs 30 mins Scoring: 30 points

UNIT 15: SEMESTER WRAP-UP

LESSON 1: SEMESTER WRAP-UP

Review: Semester Wrap-Up

Duration: 0 hrs 30 mins Scoring: 0 points

Exam: Semester Exam

Duration: 0 hrs 40 mins Scoring: 105 points