

Science Alternate Assessment Learning Paths

PLATO-Aligned to 10th Grade ISAT

ISAT/Science/ *Nature of Science*

Biology: The Study of Life

- Biology: The Study of Life: Tutorial
- Biology: The Study of Life: Application
- Biology: The Study of Life: Mastery Test

Inside the Cell

- Inside the Cell: Tutorial
- Inside the Cell: Application
- Inside the Cell: Mastery Test

Biomes

- Biomes: Tutorial
- Biomes: Application
- Biomes: Mastery Test

Classifying Life

- Classifying Life: Lesson
- Classifying Life: Application
- Classifying Life: Test

Work and Simple Machines

- Work and Simple Machines: Lesson
- Work and Simple Machines: Application
- Work and Simple Machines: Practice Test: 1
- Work and Simple Machines: Practice Test: 2
- Work and Simple Machines: Practice Test: 3
- Work and Simple Machines: Practice Test: 4
- Work and Simple Machines: Practice Test: 5
- Work and Simple Machines: Practice Test: 6
- Work and Simple Machines: Mastery Test

Enzymes

- Enzymes: Tutorial
- Enzymes: Application
- Enzymes: Mastery Test

The Plasma Membrane and Cellular Transport

- The Plasma Membrane and Cellular Transport: Tutorial
- The Plasma Membrane and Cellular Transport: Application
- The Plasma Membrane and Cellular Transport: Mastery Test

DNA: The Molecule of Life

- DNA: The Molecule of Life: Tutorial
- DNA: The Molecule of Life: Application
- DNA: The Molecule of Life: Mastery Test

Atomic Structure

- Atomic Structure: Tutorial
- Atomic Structure: Application
- Atomic Structure: Mastery Test

Electronic Structure

Electronic Structure: Tutorial
Electronic Structure: Application
Electronic Structure: Mastery Test

Mendel's Principles of Heredity

Mendel's Principles of Heredity: Tutorial
Mendel's Principles of Heredity: Application
Mendel's Principles of Heredity: Mastery Test

Genes and Traits

Genes and Traits: Lesson
Genes and Traits: Application
Genes and Traits: Test

Gases & Their Properties

Gases & Their Properties: Tutorial
Gases & Their Properties: Application
Gases & Their Properties: Mastery Test

Chemical Reactions

Chemical Reactions: Lesson
Chemical Reactions: Application
Chemical Reactions: Practice Test: 1
Chemical Reactions: Practice Test: 2
Chemical Reactions: Practice Test: 3
Chemical Reactions: Practice Test: 4
Chemical Reactions: Practice Test: 5
Chemical Reactions: Practice Test: 6
Chemical Reactions: Practice Test: 7
Chemical Reactions: Mastery Test

Newton's Laws: Forces and Motion

Newton's Laws: Forces and Motion: Lesson
Newton's Laws: Forces and Motion: Application
Newton's Laws: Forces and Motion: Practice Test: 1
Newton's Laws: Forces and Motion: Practice Test: 2
Newton's Laws: Forces and Motion: Practice Test: 3
Newton's Laws: Forces and Motion: Practice Test: 4
Newton's Laws: Forces and Motion: Practice Test: 5
Newton's Laws: Forces and Motion: Practice Test: 6
Newton's Laws: Forces and Motion: Practice Test: 7
Newton's Laws: Forces and Motion: Practice Test: 8
Newton's Laws: Forces and Motion: Mastery Test

Understanding and Measuring Matter

Understanding and Measuring Matter: Lesson
Understanding and Measuring Matter: Application
Understanding and Measuring Matter: Practice Test: 1
Understanding and Measuring Matter: Practice Test: 2
Understanding and Measuring Matter: Practice Test: 3
Understanding and Measuring Matter: Practice Test: 4
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Understanding and Measuring Matter: Practice Test: 6
Understanding and Measuring Matter: Practice Test: 7
Understanding and Measuring Matter: Practice Test: 8
Understanding and Measuring Matter: Practice Test: 9

Understanding and Measuring Matter: Mastery Test

Evolution and Natural Selection

Evolution and Natural Selection: Lesson

Evolution and Natural Selection: Application

Evolution and Natural Selection: Test

Chemical Equilibrium

Chemical Equilibrium: Tutorial

Chemical Equilibrium: Application

Chemical Equilibrium: Mastery Test

Introduction to Chemistry (Chemistry Series)

Introduction to Chemistry (Chemistry Series): Tutorial

Introduction to Chemistry (Chemistry Series): Application

Introduction to Chemistry (Chemistry Series): Mastery Test

The Periodic Table

The Periodic Table: Lesson

The Periodic Table: Application

The Periodic Table: Practice Test: 1

The Periodic Table: Practice Test: 2

The Periodic Table: Practice Test: 3

The Periodic Table: Practice Test: 4

The Periodic Table: Practice Test: 5

The Periodic Table: Practice Test: 6

The Periodic Table: Practice Test: 7

The Periodic Table: Mastery Test

ISAT/Science/ *Physical Science*

Atomic Structure

Atomic Structure: Tutorial

Atomic Structure: Application

Atomic Structure: Mastery Test

Electronic Structure

Electronic Structure: Tutorial

Electronic Structure: Application

Electronic Structure: Mastery Test

Periodic Table and Trends

Periodic Table and Trends: Tutorial

Periodic Table and Trends: Application

Periodic Table and Trends: Mastery Test

Naming Chemical Compounds

Naming Chemical Compounds: Tutorial

Naming Chemical Compounds: Application

Naming Chemical Compounds: Mastery Test

Properties of Acids, Bases and Salts

Properties of Acids, Bases and Salts: Tutorial

Properties of Acids, Bases and Salts: Application

Properties of Acids, Bases and Salts: Mastery Test

Bonding I

Bonding I: Tutorial

Bonding I: Application

Bonding I: Mastery Test

Properties and Sources of Energy

Properties and Sources of Energy: Lesson

Properties and Sources of Energy: Application

Properties and Sources of Energy: Practice Test: 1

Properties and Sources of Energy: Practice Test: 2

Properties and Sources of Energy: Practice Test: 3

Properties and Sources of Energy: Practice Test: 4

Properties and Sources of Energy: Practice Test: 5

Properties and Sources of Energy: Practice Test: 6

Properties and Sources of Energy: Practice Test: 7

Properties and Sources of Energy: Practice Test: 8

Properties and Sources of Energy: Mastery Test

Solutions

Solutions: Tutorial

Solutions: Application

Solutions: Mastery Test

Chemical Equilibrium

Chemical Equilibrium: Tutorial

Chemical Equilibrium: Application

Chemical Equilibrium: Mastery Test

Reaction Rates

Reaction Rates: Tutorial

Reaction Rates: Application

Reaction Rates: Mastery Test

Chemical Reactions

Chemical Reactions: Lesson

Chemical Reactions: Application

Chemical Reactions: Practice Test: 1

Chemical Reactions: Practice Test: 2

Chemical Reactions: Practice Test: 3

Chemical Reactions: Practice Test: 4

Chemical Reactions: Practice Test: 5

Chemical Reactions: Practice Test: 6

Chemical Reactions: Practice Test: 7

Chemical Reactions: Mastery Test

Mechanical Systems

Mechanical Systems: Tutorial

Mechanical Systems: Practice

Mechanical Systems: Mastery Test

Gases & Their Properties

Gases & Their Properties: Tutorial

Gases & Their Properties: Application

Gases & Their Properties: Mastery Test

Newton's Laws: Forces and Motion

Newton's Laws: Forces and Motion: Lesson

Newton's Laws: Forces and Motion: Application

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Work and Simple Machines: Mastery Test

Magnetism and Electromagnetism

Magnetism and Electromagnetism: Lesson
Magnetism and Electromagnetism: Application
Magnetism and Electromagnetism: Practice Test: 1
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Magnetism and Electromagnetism: Mastery Test

ISAT/Science/ *Biology*

Living with the Environment

Living with the Environment: Lesson
Living with the Environment: Application
Living with the Environment: Test

Meiosis

Meiosis: Tutorial
Meiosis: Application
Meiosis: Mastery Test

Cellular Processes

Cellular Processes: Lesson
Cellular Processes: Application
Cellular Processes: Test

Heredity

Heredity: Tutorial
Heredity: Application
Heredity: Mastery Tests
Heredity: Test 1
Heredity: Test 2

Evolution and Natural Selection

Evolution and Natural Selection: Lesson
Evolution and Natural Selection: Application
Evolution and Natural Selection: Test

Biology: The Study of Life

Biology: The Study of Life: Tutorial
Biology: The Study of Life: Application
Biology: The Study of Life: Mastery Test

Photosynthesis

Photosynthesis: Tutorial
Photosynthesis: Application
Photosynthesis: Mastery Test

Vertebrates

Vertebrates: Tutorial
Vertebrates: Application
Vertebrates: Mastery Test

Invertebrates (Biology Series)

Invertebrates (Biology Series): Tutorial
Invertebrates (Biology Series): Application
Invertebrates (Biology Series): Mastery Test

Organ Systems

Organ Systems: Lesson
Organ Systems: Application
Organ Systems: Test

Inside the Cell

Inside the Cell: Tutorial
Inside the Cell: Application
Inside the Cell: Mastery Test

What is Life?

What is Life?: Lesson
What is Life?: Application
What is Life?: Test

Maintaining Conditions for Life

Maintaining Conditions for Life: Lesson
Maintaining Conditions for Life: Application
Maintaining Conditions for Life: Test

Biomes

Biomes: Tutorial
Biomes: Application
Biomes: Mastery Test

ISAT/Science/ *Earth and Space Systems*

The Solar System

The Solar System: Lesson
The Solar System: Application
The Solar System: Test

Space: Stars, Galaxies, and the Universe

Space: Stars, Galaxies, and the Universe: Lesson
Space: Stars, Galaxies, and the Universe: Application
Space: Stars, Galaxies, and the Universe: Test

Plate Tectonics and Earth Movements

Plate Tectonics and Earth Movements: Lesson
Plate Tectonics and Earth Movements: Application

Plate Tectonics and Earth Movements: Test

Earthquakes

Earthquakes: Lesson

Earthquakes: Application

Earthquakes: Test

Volcanoes

Volcanoes: Lesson

Volcanoes: Application

Volcanoes: Test

The Biosphere

The Biosphere: Tutorial

The Biosphere: Application

The Biosphere: Mastery Test

Photosynthesis

Photosynthesis: Tutorial

Photosynthesis: Application

Photosynthesis: Mastery Test

Biomes and Biodiversity

Biomes and Biodiversity: Lesson

Biomes and Biodiversity: Application

Biomes and Biodiversity: Test

Human Impacts on the Environment

Human Impacts on the Environment: Tutorial

Human Impacts on the Environment: Application

Human Impacts on the Environment: Mastery Test

Population Ecology

Population Ecology: Tutorial

Population Ecology: Application

Population Ecology: Mastery Test

Living with the Environment

Living with the Environment: Lesson

Living with the Environment: Application

Living with the Environment: Test

Flow of Energy and Matter in Nature

Flow of Energy and Matter in Nature: Lesson

Flow of Energy and Matter in Nature: Application

Flow of Energy and Matter in Nature: Test

Fossils and the Geologic Time Scale

Fossils and the Geologic Time Scale: Lesson

Fossils and the Geologic Time Scale: Application

Fossils and the Geologic Time Scale: Test

Earth's Composition

Earth's Composition: Lesson

Earth's Composition: Application

Earth's Composition: Test

Supporting Life: Earth's Surface and Landforms

Supporting Life: Earth's Surface and Landforms: Lesson

Supporting Life: Earth's Surface and Landforms: Application

Supporting Life: Earth's Surface and Landforms: Test

Weathering, Soil, and Erosion

Weathering, Soil, and Erosion: Lesson
Weathering, Soil, and Erosion: Application
Weathering, Soil, and Erosion: Test

The Oceans

The Oceans: Lesson
The Oceans: Application
The Oceans: Test

Climate

Climate: Lesson
Climate: Application
Climate: Test

The Atmosphere

The Atmosphere: Lesson
The Atmosphere: Application
The Atmosphere: Test

The Cycle and Movements of Water

The Cycle and Movements of Water: Lesson
The Cycle and Movements of Water: Application
The Cycle and Movements of Water: Test

ISAT/Science/ Personal and Social Perspectives; Technology

Chemical Reactions

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Magnetism and Electromagnetism: Practice Test: 5
Magnetism and Electromagnetism: Mastery Test

The Behavior of Sound and Light

The Behavior of Sound and Light: Lesson
The Behavior of Sound and Light: Application
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The Behavior of Sound and Light: Practice Test: 4

The Behavior of Sound and Light: Mastery Test

Work and Simple Machines

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Work and Simple Machines: Practice Test: 3

Work and Simple Machines: Practice Test: 4

Work and Simple Machines: Practice Test: 5

Work and Simple Machines: Practice Test: 6

Work and Simple Machines: Mastery Test

Exploring Biology

Exploring Biology: Tutorial

Exploring Biology: Application

Exploring Biology: Mastery Test

Biology: The Study of Life

Biology: The Study of Life: Tutorial

Biology: The Study of Life: Application

Biology: The Study of Life: Mastery Test

Properties and Sources of Energy

Properties and Sources of Energy: Lesson

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Properties and Sources of Energy: Practice Test: 6

Properties and Sources of Energy: Practice Test: 7

Properties and Sources of Energy: Practice Test: 8

Properties and Sources of Energy: Mastery Test

Human Impacts on the Environment

Human Impacts on the Environment: Tutorial

Human Impacts on the Environment: Application

Human Impacts on the Environment: Mastery Test

Mollusks

Mollusks: Tutorial

Mollusks: Application

Mollusks: Mastery Test

Fresh Water

Fresh Water: Lesson

Fresh Water: Application

Fresh Water: Test

Properties of Acids, Bases and Salts

Properties of Acids, Bases and Salts: Tutorial

Properties of Acids, Bases and Salts: Application

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Properties of Sound and Light

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The Behavior of Sound and Light

The Behavior of Sound and Light: Lesson

The Behavior of Sound and Light: Application

The Behavior of Sound and Light: Test