

MATATAG → Science → Grade 6			
Topic		File Type	Level of Skill Progression
Q1: MATERIALS			
Diagrams and Flowcharts: Diagrams and flowcharts demonstrate processes involving heat energy and changes of state.	PRO_Video - Science Kids: States of Matter	video	Proficient
	PRO_Video - Physical Changes Through Heating	video	Proficient
Processes of Changes of State: Changes in materials can be either reversible or irreversible.	PRO_Video - Reversible and Irreversible Changes in Matter	video	Proficient
	PRO_Video - Physical Changes Through Heating	video	Proficient
Physical and Chemical Change: Mixtures and the products of their separation techniques are very useful in our daily lives.	DEV_Video - Changes Are Fun! Heating and Cooling	video	Developing
	PRO_Video - Mixtures and Solutions	video	Proficient
	DEV_Discussion Presentation and Printable Worksheet - Homogeneous and Heterogeneous Mixtures	ppt and pdf	Developing
	BEG_Discussion Presentation and Printable Worksheet - Physical Change and Chemical Change	ppt and pdf	Beginning
	BEG_Discussion Presentation - Uses of Different Mixtures	powerpoint	Beginning
	DEV_Printable Worksheet - Uses of Different Mixtures	PDF	Developing
	BEG_Discussion Presentation and Printable Worksheet - Physical Changes in Matter	ppt and pdf	Beginning
	BEG_Discussion Presentation and Printable Worksheet - Physical Change	ppt and pdf	Beginning
	BEG_Discussion Presentation and Printable Worksheet - Chemical Change	ppt and pdf	Beginning
	DEV_Discussion Presentation - Homogeneous Mixtures	powerpoint	Developing
	PRO_Printable Worksheet - Homogeneous Mixtures	PDF	Proficient
	DEV_Discussion Presentation - Heterogeneous Mixtures	powerpoint	Developing
	PRO_Printable Worksheet - Heterogeneous Mixtures	PDF	Proficient
	BEG_eContent - Types of Mixtures	html	Beginning
	DEV_eContent - Separating Mixtures	html	Developing
	BEG_eContent - Mixtures and Substances	html	Beginning
Mixtures and Separation Technique: Scientific investigations need to satisfy the features of a fair test and use accurate and reliable measurements.	DEV_Video - Separation by Sieving	video	Developing
	BEG_Video - Filtration: Solid-Liquid Filtering	video	Beginning
	PRO_Video - How to Separate Mixtures	video	Proficient
	PRO_Video - Separation of a Solid-Solid Mixture	video	Proficient
	BEG_Discussion Presentation - Different Methods of Separating Mixtures	powerpoint	Beginning
	DEV_Printable Worksheet - Different Methods of Separating Mixtures	PDF	Developing
Features of a Fair Test	PRO_Video - Controls and Variables	video	Proficient
	PRO_Video - Analyzing Data	video	Proficient
	DEV_Video - Testing the Hypothesis	video	Developing

Q2: LIVING THINGS			
Human Body Systems: The Circulatory System	HPR_Discussion Presentation - The Circulatory System	powerpoint	Highly Proficient
	PRO_Printable Worksheet - The Circulatory System	PDF	Proficient
	DEV_Discussion Presentation and Printable Worksheet - Classifying Vertebrates	ppt and pdf	Developing
	HPR_Discussion Presentation - Classifying Invertebrates	powerpoint	Highly Proficient
	PRO_Printable Worksheet - Classifying Invertebrates	PDF	Proficient
	PRO_Video - Circulatory System	video	Proficient
	PRO_Video - Introduction to the Circulatory System	video	Proficient
Plant Reproduction	HPR_Video - Pollination	video	Highly Proficient
	PRO_Video - How Does a Seed Become a Plant?	video	Proficient
	HPR_Video - Asexual Reproduction in Plants	video	Highly Proficient
	DEV_Video - Vegetative Propagation in Plants	video	Developing
	DEV_Video - Vegetative Propagation in Plants: Asexual Reproduction	video	Developing
	BEG_eContent - Reproduction of Non-flowering Plants	html	Beginning
Animal Biodiversity: Vertebrates and invertebrates	PRO_Video - Vertebrate	video	Proficient
Ecosystems: Biotic and Abiotic Factors, Interactions Between Living Things, and Food Web	PRO_Video - Food Webs 1	video	Proficient
	PRO_Video - Food Webs 2	video	Proficient
	PRO_Video - What Is Mutualism?	video	Proficient
	PRO_Video - Food Webs and Energy Pyramids: Bedrocks of Biodiversity	video	Proficient
	DEV_Video - Adaptations of Predators and Prey	video	Developing
	DEV_Discussion Presentation and Printable Worksheets - Effects of Interactions of Organisms with the Environment	ppt and pdf	Developing
	PRO_Discussion Presentation - Interactions of Organisms in an Ecosystem	powerpoint	Proficient
	DEV_Printable Worksheet - Interactions of Organisms in an Ecosystem	PDF	Developing
	PRO_Discussion Presentation - Interactions among Living Things and Nonliving Things in Estuaries	powerpoint	Proficient
	HPR_Printable Worksheet - Interactions among Living Things and Nonliving Things in Estuaries	PDF	Developing
	HPR_Discussion Presentation - Biotic and Abiotic Factors in an Ecosystem	powerpoint	Highly Proficient
	DEV_Printable Worksheet - Biotic and Abiotic Factors in an Ecosystem	PDF	Developing
	HPR_Discussion Presentation - Survival in the Environment	powerpoint	Highly Proficient
	PRO_Printable Worksheet - Survival in the Environment	PDF	Proficient
	PRO_Video - Biotic	video	Proficient
	PRO_Video - Abiotic	video	Proficient
	HPR_Video - Interactions Within Ecosystems	video	Highly Proficient
	HPR_Video - Biotic Factors in Ecosystems	video	Highly Proficient
	BEG_eContent - Ecosystem	html	Beginning

Q3: FORCE, MOTION, AND ENERGY			
Simple Machines: Simple machines allow people to change the direction and size of forces.	PRO_Discussion Presentation - Kinds of Simple Machines	powerpoint	Proficient
	DEV_Printable Worksheet - Kinds of Simple Machines	PDF	Developing
	DEV_Discussion Presentation and Printable Worksheet - Safety Measures in Handling Simple Machines	ppt and pdf	Developing
	DEV_Video - Ramp: Simple Machine!	video	Developing
	PRO_Video - Solving Problems with Simple Machines	video	Proficient
	PRO_Video - Types of Simple Machines	video	Proficient
	DEV_Video - Simple Machines	video	Developing
	DEV_eContent - Simple Machines	html	Beginning
Waves: Water Waves, Sound Waves, and Their Respective Properties	DEV_Discussion Presentation and Printable Worksheet - Describing How Sound Travels	ppt and pdf	Developing
	DEV_Discussion Presentation - Properties of Waves	powerpoint	Developing
	PRO_Printable Worksheet - Properties of Waves	PDF	Proficient
	DEV_Discussion Presentation - Properties of Sound	powerpoint	Developing
	PRO_Printable Worksheet - Properties of Sound	PDF	Proficient
	DEV_Discussion Presentation - Sound Production	powerpoint	Developing
	PRO_Printable Worksheet - Sound Production	PDF	Proficient
	DEV_Discussion Presentation - Propagation of Sound	powerpoint	Proficient
	PRO_Printable Worksheet - Propagation of Sound	PDF	Developing
	PRO_Video - Wave Motion	video	Proficient
	DEV_Video - Characteristics of a Wave	video	Developing
	PRO_Video - Wave Behavior	video	Proficient
	BEG_Video - Sound and Water Waves	video	Beginning
	DEV_eContent - Wavelength	html	Developing
Types of Waves According to Direction of Particle Motion: Longitudinal and Transverse	DEV_Discussion Presentation - Properties of Waves	powerpoint	Developing
	PRO_Printable Worksheet - Properties of Waves	PDF	Proficient
	DEV_Discussion Presentation and Printable Worksheet - Types of Waves	ppt and pdf	Developing
	PRO_Video - Transverse and Longitudinal Waves	video	Proficient
	PRO_Video - Exploring Types of Waves: Transverse and Longitudinal	video	Proficient
	PRO_Video - Science Kids: Sound	video	Proficient

Q4: EARTH AND SPACE			
Volcanoes: Volcanic Activity and Its Impact to Community and Safety	PRO_Discussion Presentation and Printable Worksheet - Volcanic Eruption	ppt and pdf	Proficient
	PRO_Discussion Presentation - Keeping Safe Before, During, and After an Earthquake	powerpoint	Proficient
	DEV_Printable Worksheet - Keeping Safe Before, During, and After an Earthquake	PDF	Developing
	DEV_Discussion Presentation and Printable Worksheet - Volcanoes and Their Impacts	ppt and pdf	Developing
	DEV_Discussion Presentation and Printable Worksheet - Disaster Risks: Earthquakes, Tsunamis, and Volcanic Eruptions	ppt and pdf	Developing
	PRO_Discussion Presentation and Printable Worksheet - Disaster Preparedness: Earthquakes, Tsunamis, and Volcanic Eruptions	ppt and pdf	Proficient
	DEV_Video - Volcanoes	video	Developing
	DEV_Video - All About Volcanoes!	video	Developing
	PRO_Video - Earth's Active Volcanoes	video	Proficient
	DEV_Video - Volcanologist: Alexa Van Eaton	video	Developing
	DEV_Video - How Volcanic Eruptions Shape Earth	video	Developing
	PRO_Video - Timelapse of Mayon Volcano Erupting During Sunrise	video	Proficient
	DEV_Video - Earthquake Preparedness: Steps to Enhance Safety and Resilience	video	Developing
	BEG_eContent - Active and Inactive Volcanoes	html	Beginning
	BEG_eContent - Earthquakes and Volcanic Eruptions	html	Beginning
Weather Patterns and Seasons in the Philippines: The Philippine volcanoes can violently and unpredictably erupt lava, ash, and ballistic projectiles.	DEV_Discussion Presentation - Precautionary Measures During the Different Kinds of Weather	powerpoint	Developing
	BEG_Printable Worksheet - Precautionary Measures During the Different Kinds of Weather	PDF	Beginning
	PRO_Discussion Presentation - Weather Patterns and Types of Seasons	powerpoint	Proficient
	DEV_Printable Worksheet - Weather Patterns and Types of Seasons	PDF	Developing
	PRO_Discussion Presentation - Keeping Safe During the Different Seasons	powerpoint	Proficient
	DEV_Printable Worksheet - Keeping Safe During the Different Seasons	PDF	Developing
	PRO_Discussion Presentation - Weather and Climate Pattern	powerpoint	Proficient
	DEV_Printable Worksheet - Weather and Climate Pattern	PDF	Developing
	DEV_Discussion Presentation and Printable Worksheet - Seasons in the Philippines	ppt and pdf	Developing
	DEV_Discussion Presentation and Printable Worksheet - Factors Affecting Climate	ppt and pdf	Developing
	DEV_Video - Causes of Seasons	video	Developing
	DEV_Video - Seasons and Dressing for Seasons	video	Developing
	DEV_Video - Seasons, Predicting the Weather, and Meteorologists' Instruments	video	Developing
	DEV_Video - Sun, Heat, Air, Wind, Rain	video	Developing
	DEV_Video - Weather and Seasons: Meteorologists, Predictions, Sky Sights, Value of Weather	video	Developing

Motions of the Earth: Eclipses and Constellations	DEV_Discussion Presentation - Earth's Movements and the Sun	powerpoint	Developing
	BEG_Printable Worksheet - Earth's Movements and the Sun	PDF	Beginning
	PRO_Discussion Presentation - The Two Types of Earth's Motion	powerpoint	Proficient
	DEV_Printable Worksheet - The Two Types of Earth's Motion	PDF	Developing
	PRO_Discussion Presentation - Effects of Earth's Motion on Earth	powerpoint	Proficient
	DEV_Printable Worksheet - Effects of Earth's Motion on Earth	PDF	Developing
	PRO_Discussion Presentation - Earth's Rotation and Revolution	powerpoint	Proficient
	DEV_Printable Worksheet - Earth's Rotation and Revolution	PDF	Developing
	PRO_Discussion Presentation - Solar Eclipses	powerpoint	Proficient
	DEV_Printable Worksheet - Solar Eclipses	PDF	Developing
	PRO_Discussion Presentation - Lunar Eclipses	powerpoint	Proficient
	DEV_Printable Worksheet - Lunar Eclipses	PDF	Developing
	PRO_Video - Formation of Eclipses	video	Proficient
	DEV_Video - Lunar and Solar Eclipse Explained	video	Developing
	DEV_Video - Let's Look at Constellations!	video	Developing
	PRO_Discussion Presentation - Beliefs and Practices Associated with the Moon	powerpoint	Proficient
	DEV_Printable Worksheet - Beliefs and Practices Associated with the Moon	PDF	Developing
	PRO_Discussion Presentation - Patterns of Stars	powerpoint	Proficient
	DEV_Printable Worksheet - Patterns of Stars	PDF	Developing
	PRO_Video - Day and Night	video	Proficient
	PRO_Video - Rotation	video	Proficient
	PRO_Video - Rotate, Revolve, and Tilt	video	Proficient
	PRO_Video - What's the Difference Between a Solar and Lunar Eclipse?	video	Proficient
	DEV_Discussion Presentation - Patterns of Stars	powerpoint	Developing
	BEG_Printable Worksheet - Patterns of Stars	PDF	Beginning
	DEV_Discussion Presentation and Printable Worksheet - Constellations	ppt and pdf	Developing
	DEV_Video - Causes of Seasons	video	Developing
	DEV_Video - Seasons and Dressing for Seasons	video	Developing