

MATATAG → Science → Grade 5			
	FILENAME	File Type	Level of Skill Progression
Q1: MATERIALS			
Matter in Daily Life: Scientists identify three states of matter based on shape and volume.	DEV_Video - All About Matter	video	Developing
	DEV_Video - Introduction to Matter	video	Developing
Matter and the Three States: Temperature can cause changes of state.	PRO_Video - State of Matter	video	Proficient
	DEV_Video - Science Kids: States of Matter	video	Developing
	DEV_Video - States of Matter: Solid, Liquid, and Gas	video	Developing
	HPR_Video - Particle Theory: States of Matter	video	Highly Proficient
	PRO_Video - Boiling Water	video	Proficient
	HPR_Video - All About Matter	video	Highly Proficient
	HPR_Video - Phases of Matter	video	Highly Proficient
	PRO_Video - Matter: Solids, Liquids, and Gases	video	Proficient
	PRO_Video - Is It a Solid?	video	Proficient
	PRO_Video - Change of State	video	Proficient
	PRO_Video - Part(icles) of Your World	video	Proficient
	BEG_Video - Measuring Liquid Volume	video	Beginning
	PRO_Video - Measuring Liquid Volume	video	Proficient
	BEG_Discussion Presentation - Properties of Useful and Harmful Materials	powerpoint	Beginning
	DEV_Printable Worksheet - Properties of Useful and Harmful Materials	PDF	Developing
	DEV_Discussion Presentation and Printable Worksheet - Physical Change	ppt and pdf	Developing
	BEG_Discussion Presentation and Printable Worksheet - Classifying Materials as Solids, Liquids, or Gases Based on Their Observable Characteristics	ppt and pdf	Beginning
	BEG_Discussion Presentation and Printable Worksheet - Effects of Temperature on Materials	ppt and pdf	Beginning
	BEG_Discussion Presentation - Chemical Change	powerpoint	Beginning
	DEV_Printable Worksheet - Chemical Change	PDF	Developing
	DEV_Printable Worksheet - Properties of Matter	PDF	Developing
Scientific Investigation: (a) Planned simple scientific investigations require several steps and processes. (b) An understanding of matter can be applied to solve real world problems.	HPR_Video - Physical Science: Scientific Method		Highly Proficient
	HPR_Video - The Scientific Method for Kids	video	Highly Proficient
	HPR_Video - Measuring Mass Using Grams	video	Highly Proficient
	HPR_Video - Measuring Mass Using Standard Units	video	Highly Proficient
	PRO_Video - Measuring Mass in Kilograms	video	Proficient

Q2: LIVING THINGS			
Human Body Systems: Digestive, Respiratory, and Reproductive	HPR_Discussion Presentation - The Respiratory System	powerpoint	Highly Proficient
	PRO_Printable Worksheet - The Respiratory System	PDF	Proficient
	HPR_Discussion Presentation - The Human Reproductive System	powerpoint	Highly Proficient
	PRO_Printable Worksheet - The Human Reproductive System	PDF	Proficient
	HPR_Video - The Digestive System	video	Highly Proficient
	HPR_Video - The Human Digestive System	video	Highly Proficient
	DEV_Video - What Does the Respiratory System Do?	video	Developing
	HPR_Video - Respiratory System	video	Highly Proficient
	DEV_Video - Uterus	video	Developing
	DEV_Video - Reproduction in Humans	video	Developing
Groupings of Living Things: Animals, Plants, and Microorganisms	BEG_Video - Insects and Their Movements	video	Beginning
	PRO_Video - Introduction to Flowers and Flowering	video	Proficient
	PRO_Video - Kingdom Plantae-Gymnosperms	video	Proficient
	DEV_Video - Do Mammals Lay Eggs?	video	Developing
	DEV_Video - Learn about Chickens	video	Developing
	PRO_Video - How does a Seed Become a Plant?	video	Proficient
Life Cycles of Living Things: The life cycles of plants and animals allow them to survive and reproduce.	DEV_Discussion Presentation and Printable Worksheet - Life Cycle of Different Plants	ppt and pdf	Developing
	PRO_Video - Animal Life Cycles	video	Proficient
	PRO_Video - Life Cycle of Flowering Plants	video	Proficient
	BEG_eContent - Describe the Modes of Reproduction of Different Animals	html	Beginning
Plant and Animal Adaptations	HPR_Video - Vegetative Propagation in Plants 1	video	Highly Proficient
	HPR_Video - Vegetative Propagation in Plants 2	video	Highly Proficient
	PRO_Video - Amazing Plant Adaptations	video	Proficient
	DEV_Video - Plant Adaptations	video	Developing
	DEV_Video - Animal Adaptations	video	Developing
	PRO_Video - Amazing Camouflage	video	Proficient

Q3: FORCE, MOTION, AND ENERGY			
Contact and noncontact forces: Science investigations provide evidence to support predictions and explanations.	DEV_Discussion Presentation and Printable Worksheet - Effects of Force on Objects	ppt and pdf	Developing
	PRO_Video - How Objects Interact	video	Proficient
Investigating scientifically: Forces are pushes or pulls that act in a specific direction.	DEV_Video - What Is Friction? 1	video	Developing
	DEV_Video - Friction	video	Developing
	DEV_Video - What Is Friction? 2	video	Developing
	DEV_Video - How Can I Reduce Friction?	video	Developing
Friction: Friction is an everyday force created by two surfaces interacting.	DEV_Discussion Presentation and Printable Worksheet - Describing Frictional Force	ppt and pdf	Developing
	DEV_eContent - Gravitation and Frictional Forces	html	Developing
Gravity: Gravity causes all objects to fall towards the ground.	DEV_Discussion Presentation and Printable Worksheet - Describing Gravitational Force	ppt and pdf	Developing
	PRO_Video - Motion and Gravity	video	Proficient
	PRO_Video - Defining Gravity	video	Proficient
	DEV_Video - Danger! Falling Objects	video	Developing
	PRO_Video - Gravity	video	Proficient
	PRO_Video - Gravity Compilation	video	Proficient
	PRO_Video - Gravity: How Do We Know?	video	Proficient
Static electricity: Static electricity occurs when some materials rub on other materials causing charges to jump.	DEV_Video - Fun with Static Electricity	video	Developing
	PRO_Video - Electricity	video	Proficient
	BEG_Video - Jumping Frogs: Static Electricity Experiment	video	Beginning
Conductors, insulators, and simple circuits: Electric current requires a pathway for charges to flow.	DEV_Video - Conductors and Insulators	ppt and pdf	Developing
	DEV_Discussion Presentation - Electrical Energy	powerpoint	Developing
	PRO_Printable Worksheet - Electrical Energy	PDF	Proficient
	DEV_Video - Components of an Electric Circuit	ppt and pdf	Developing
	PRO_Video - Basic Circuits Kit: Conductors and Insulators	video	Proficient
	PRO_Video - Switches, Conductors, and Insulators	video	Proficient
	DEV_eContent - Determine the effects of changing the number or type of components in a circuit	html	Developing

Q4: EARTH AND SPACE			
Processes that Shape the Earth's Surface	PRO_Discussion Presentation and Printable Worksheet - Soil Formation	ppt and pdf	Proficient
	DEV_Video - Earth's Landforms	video	Developing
	BEG_Video - Exploring Earth's Landforms	video	Beginner
	BEG_Video - How Many Types of Rocks Are There?	video	Beginner
	DEV_Video - Rocks: An Introduction	video	Developing
	DEV_Video - Are There Different Types of Rocks?	video	Developing
	PRO_Video - Be a Rock Detective!	video	Proficient
	PRO_Video - Diamond, the Super Crystal	video	Proficient
	DEV_Video - What Is Soil?	video	Developing
	PRO_Discussion Presentation - Weathering	powerpoint	Proficient
	DEV_Printable Worksheet - Weathering	PDF	Developing
	PRO_Discussion Presentation - What Is Soil Erosion?	powerpoint	Proficient
	DEV_Printable Worksheet - What Is Soil Erosion?	PDF	Developing
	DEV_Discussion Presentation and Printable Worksheet - What Are the Effects of Soil Erosion?	ppt and pdf	Developing
	DEV_Discussion Presentation and Printable Worksheet - How Can Soil Erosion Be Prevented?	ppt and pdf	Developing
	DEV_Video - Weathering and Erosion	video	Developing
	PRO_Video - Erosion	video	Proficient
	DEV_eContent - Investigate the effects of soil erosion in the community and the environment	html	Developing
The Water Cycle: The Water Cycle includes processes of evaporation, precipitation and transportation.	PRO_Discussion Presentation - The Water Cycle	powerpoint	Proficient
	DEV_Printable Worksheet - The Water Cycle	PDF	Developing
	DEV_Video - Water Cycle	video	Developing
	DEV_Video - Water Cycle	video	Developing
	PRO_Video - The Water Cycle	video	Proficient
	DEV_Video - The Water Cycle Explained: From Evaporation to Precipitation	video	Developing
Weather disturbances: Weather disturbances feature low pressure, strong winds, and storms.	PRO_Discussion Presentation - Weather Disturbances in the Philippines	powerpoint	Proficient
	DEV_Printable Worksheet - Weather Disturbances in the Philippines	PDF	Developing
	PRO_Discussion Presentation - Weather Disturbances Affect Living Things and the Environment	powerpoint	Proficient
	DEV_Printable Worksheet - Weather Disturbances Affect Living Things and the Environment	PDF	Developing
	PRO_Discussion Presentation - Ways to Reduce the Effects of Weather Disturbances	powerpoint	Proficient
	DEV_Printable Worksheet - Ways to Reduce the Effects of Weather Disturbances	PDF	Developing
	DEV_Video - Typhoon Hagupit Hits Philippines	video	Developing
	PRO_Video - The Devastation of Typhoon Haiyan	video	Proficient
	PRO_Video - Storms	video	Proficient
	DEV_Video - Hurricane	video	Developing
	PRO_Video - How Hurricanes Form	video	Proficient
	DEV_Video - How Do We Know When It Will Rain?	video	Developing
The Solar System: (a) The planets and moons vary in physical features and composition. (b) Phases of the Moon depend on its position relative to Earth and Sun.	BEG_Discussion Presentation and Printable Worksheet - The Planets and Other Heavenly Bodies	ppt and pdf	Beginning
	DEV_Discussion Presentation and Printable Worksheet - The Moon and the Earth	ppt and pdf	Developing
	DEV_Discussion Presentation and Printable Worksheet - The Phases of the Moon	ppt and pdf	Developing
	DEV_Video - How Do We Know When It Will Rain?	video	Developing
	PRO_Video - The Solar System 1	video	Proficient
	PRO_Video - Our Solar System	video	Proficient
	PRO_Video - Phases of the Moon: Make a Moon Puzzle	video	Proficient
	DEV_Video - Phases of the Moon	video	Developing
	DEV_Video - What Are the Phases of the Moon?	video	Developing
	PRO_Video - The Solar System 2	video	Proficient
	PRO_Video - Formation of the Solar System	video	Proficient