

MATATAG → Science → Grade 3

Topic	New File Name	File Type	Level of Skill Progression
Q1: MATERIALS			
Science in Our Daily Life: Science is important in understanding how the natural world works.	PRO_Video - BEE Curious About the Environment	video	Proficient
	HPR_Video - Using Our Senses to Explore the Beach!	video	Highly Proficient
	HPR_Video - What Are Pickles?	video	Highly Proficient
	HPR_Video - Jessi Has a Problem!	video	Highly Proficient
	HPR_Video - Making a Fountain of Soda!	video	Highly Proficient
	DEV_Video - Jumping Frogs - Static Electricity Experiment	video	Developing
	HPR_Video - 4 Amazing Science Experiments for a Day Inside	video	Highly Proficient
Science Processes: Using science process skills, simple science equipment, and participating in guided activities leads to better understanding of science.	PRO_Video - Introduction to Standard Measurement: Measuring Length in Inches with a Ruler	video	Proficient
Materials and Their Uses: Physical properties of materials determine their use.	PRO_Video - Material World	video	Proficient
	DEV_Printable Worksheet - Describing Materials Based on Their Properties	PDF	Developing
	PRO_Discussion Presentation - Describing Materials Based on Their Properties	powerpoint	Proficient
	DEV_Video - Are All Metals Conductors?	video	Developing
	HPR_Video - Diamond, the Super Crystal!	video	Highly Proficient
	DEV_Discussion Presentation and Printable Worksheet - Classifying Materials as Solids, Liquids, or Gases Based on Their Observable Characteristics	ppt and pdf	Developing
	DEV_Discussion Presentation and Printable Worksheet - Proper Use and Handling of Materials at Home and in School	ppt and pdf	Developing
	HPR_Video - Make Edible Glass Hearts!	video	Highly Proficient
	HPR_Video - How Plastic Hurts the World	video	Highly Proficient
	HPR_Video - Reuse and Recycle	video	Highly Proficient
	HPR_Video - Trash and the Environment	video	Highly Proficient
	HPR_Video - The Pasta Artist: Push and Pull	video	Highly Proficient
	DEV_Discussion Presentation and Printable Worksheet - Physical Change and Chemical Change	ppt and pdf	Developing
	HPR_Discussion Presentation - Useful and Harmful Effects of the Changes in Matter	powerpoint	Highly Proficient
	PRO_Printable Worksheet - Useful and Harmful Effects of the Changes in Matter	PDF	Proficient
	PRO_Discussion Presentation and Printable Worksheet - Properties of Useful and Harmful Materials	ppt and pdf	Proficient

Q2: LIVING THINGS			
Guided Science Activities Using Process Skills: Using science process skills, simple pieces of science equipment, and participating in guided activities leads to a better understanding of science.	PRO_Video - Science Experiment: Magnets	video	Proficient
	PRO_Video - How to Make a Bouncy Egg	video	Proficient
Living and Non-Living Things: How Are They Different? Characteristics of growth, response and reproduction identify living things.	PRO_Discussion Presentation and Printable Worksheet - Comparing Characteristics of Living and Nonliving Things	ppt and pdf	Proficient
	HPR_Video - Characteristics of Living Things That Set Them Apart from Nonliving Things	video	Highly Proficient
	DEV_Video - Differences Between Living Things and Nonliving Things	video	Developing
	PRO_Video - Differences Between Living and Nonliving Things	video	Proficient
	HPR_Video - Living and Nonliving: How Are They Different?	video	Highly Proficient
	BEG_Video - Living or Not - Understanding Different Objects	video	Beginning
	HPR_Video - Needs of Living Things: Summing Up	video	Highly Proficient
Characteristics of Living Things: Body parts of plants and animals enable them to live and grow.	DEV_Discussion Presentation and Printable Worksheet - How Living Things Reproduce and Grow	ppt and pdf	Developing
	BEG_Video - Insects and Their Movements	video	Beginning
	HPR_Video - How Animals Fly! The Science of Flight	video	Highly Proficient
	HPR_Video - Worms Are Wonderful	video	Highly Proficient
	HPR_Video - Parts of a Plant	video	Highly Proficient
	HPR_Video - Plant Parts	video	Highly Proficient
	BEG_Video - How Do Animals Move?	video	Beginning
	DEV_Video - Whiskers	video	Developing
	BEG_Video - Introduction to Parts of the Plant	video	Beginning
	BEG_Video - How Many Legs Do Animals Have?	video	Beginning
	PRO_Video - What Happened to Our Plants? Science Project for Kids	video	Proficient
	DEV_Video - How Plants Grow	video	Developing

<p>How Living Things Depend on the Environment for Their Basic Needs and Protection to Survive:</p> <p>All living things have the same basic needs that need to be met by their environment.</p>	DEV_Discussion Presentation - How Living Things Depend on the Environment to Meet Their Basic Needs	powerpoint	Developing
	BEG_Printable Worksheet - How Living Things Depend on the Environment to Meet Their Basic Needs	PDF	Beginning
	PRO_Discussion Presentation - Conservation of the Interaction of Living Things with Their Environment	powerpoint	Proficient
	DEV_Printable Worksheet - Conservation of the Interaction of Living Things with Their Environment	PDF	Developing
	BEG_Discussion Presentation and Printable Worksheet - Caring for and Protecting the Animals	ppt and pdf	Beginning
	HPR_Video - What Living Things Need: Food	video	Highly Proficient
	HPR_Video - Need for Living Space	video	Highly Proficient
	PRO_Video - Biodiversity	video	Proficient
	PRO_Video - Interactions of Living Things with Nonliving Things	video	Developing
	PRO_Video - Wildlife Conservation	video	Proficient
	HPR_Video - Ecosystems	video	Highly Proficient
	PRO_Video - Deforestation	video	Proficient

Q3: FORCE, MOTION, AND ENERGY			
Force and Motion: How Force Makes Objects Move	DEV_Discussion Presentation and Printable Worksheet - Indicators of Motion in Relation to a Reference Point	ppt and pdf	Developing
	DEV_Discussion Presentation and Printable Worksheet - Identifying Things That Cause Movements of Objects	ppt and pdf	Developing
	HPR_Video - Radio	video	Highly Proficient
	HPR_Video - Bay's Body Language	video	Highly Proficient
	PRO_Video - Motion	video	Proficient
	HPR_Video - Things in Motion: Things on the Move	video	Highly Proficient
	PRO_Video - Curl Metals with Heat!	video	Proficient
	DEV_Discussion Presentation and Printable Worksheet - How Force Affects Different Movements of Objects	ppt and pdf	Developing
	HPR_Video - Motion and Reference Points	video	Highly Proficient
Energy: Light and Sound: (a) Light and sound are examples of energy that affect daily life. (b) People can modify light and sound to make them useful.	DEV_Discussion Presentation and Printable Worksheet - Sources and Uses of Light	ppt and pdf	Developing
	DEV_Discussion Presentation and Printable Worksheet - Sources and Uses of Sound	ppt and pdf	Developing
	PRO_Video - How Is Sound Made?	video	Proficient
	HPR_Video - Lightbulbs	video	Highly Proficient
	HPR_Video - Sound	video	Highly Proficient
	PRO_Video - Light and Other Forms of Energy	video	Proficient
	HPR_Video - Light	video	Highly Proficient
	HPR_Video - Sun's Light and Heat	video	Highly Proficient
	PRO_Video - The Nature of Light: Introduction	video	Proficient

Q4: EARTH AND SPACE			
The Non-Living Environment: Non-living things found in the environment are the sources of useful products.	DEV_Discussion Presentation and Printable Worksheet - Water Around Us	ppt and pdf	Developing
	DEV_Video - Living vs. Nonliving	video	Developing
	DEV_Video - Living or Not - Understanding Different Objects	video	Developing
	DEV_Video - What Materials Do Trees Give Us?	video	Developing
	DEV_Video - Wonderful Wool!	video	Developing
	PRO_Video - Three Main Types of Rocks	video	Proficient
	DEV_Video - Water	video	Developing
	DEV_Video - Weather and Seasons	video	Developing
	DEV_Video - Sunny, Rainy, and Cloudy Days	video	Developing
	DEV_Video - Clothing and Weather	video	Developing
Patterns in the Weather: Weather affects our daily activities and may pose threats to health and safety.	DEV_Video - Sunny, Rainy, and Cloudy Days	video	Developing
	DEV_Video - The Sun, Heat, Air, and Wind	video	Developing
Celestial Objects: The natural objects in the sky affect the activities of people.	PRO_Video - Position of the Moon	video	Proficient
	DEV_Video - The Colors of Stars!	video	Developing
	DEV_Video - Let's Look at Constellations!	video	Developing
	DEV_Video - Moon	video	Developing
	DEV_Video - Daytime Is Playtime	video	Developing
	DEV_Video - What Time Is It?	video	Developing
	PRO_Video - Our Sun	video	Proficient