

Suggested 5E Section:		SUITABLE for all E's 5E Lessons - Lab Member Links	EXPLORATION Station Labs - Lab Member Links	EXPLANATION INBs - Lab Member Links	ELABORATION Inquiry Labs - Lab Member Links also <i>EXPLORATION</i> <i>*NOT included in 5E Lessons</i>	STEM Challenges - Lab Member Links <i>*NOT included in 5E Lessons</i>	EVALUATION Escape Games - Lab Member Links <i>*NOT included in 5E Lessons</i>	Game Boards - Lab Member Links <i>*NOT included in 5E Lessons</i>	VARIES Bell Ringers - Lab Member Links <i>*NOT included in 5E Lessons</i>
MAJOR TOPIC	Sub-topic	*includes Station Labs and INBs	<i>*included in 5E Lessons</i>	<i>*included in 5E Lessons</i>					
BODY SYSTEMS	Body Systems	Circulatory System Digestive System Endocrine System Excretory System Muscular System Nervous System Respiratory System Skeletal System	Circulatory System Digestive System Endocrine System Muscular System Nervous System Respiratory System Skeletal System	Structure of Life Interactive Notebook	Circulatory System Inquiry Lab Digestive System Inquiry Lab Endocrine System Inquiry Lab Muscular System Inquiry Lab Nervous System Inquiry Lab Respiratory System Inquiry Lab Skeletal System Inquiry Lab	n/a	Body Systems Escape Room	Body Systems & Cells Review Game	Full Year Resource Life Science Bell Ringers
CHEMISTRY	Atoms to Molecules	Elements, Compounds, and Mixtures Molecules Organic Compounds Atoms Counting Atoms and Elements Acids and Bases Chemical Bonds Physical and Chemical Changes Balancing Chemical Equations	Elements, Compounds, and Mixtures Molecules Organic Compounds Atoms Counting Atoms and Elements Acids and Bases Chemical Bonds Chemical Changes and Physical Changes Balancing Chemical Equations	Chemistry Interactive Notebook	Elements and Compounds Inquiry Lab Elements of Earth Inquiry Lab Chemical Changes Inquiry Lab Organic Compounds Inquiry Lab Atoms Inquiry Lab Molecules Inquiry Lab Synthetic Materials Inquiry Lab Reactivity Inquiry Lab Law of Conservation of Mass Inquiry Lab Chemical Changes and Physical Changes Inquiry Lab Evidence of a Chemical Change Inquiry Lab Acids and Bases Chemical Bonding Food Chemistry Inquiry Lab	n/a	Atoms Escape Game Periodic Table Escape Room	Chemistry Review Game	Full Year Resource Physical Science Bell Ringers
CHEMISTRY	Periodic Table	Periodic Table and Reactivity Metals, Nonmetals, and Metalloids	Periodic Table and Reactivity Metals, Nonmetals, and Metalloids	Chemistry Interactive Notebook	Metals, Nonmetals, and Metalloids Inquiry Lab Periodic Table Arrangement Inquiry Lab	n/a	n/a	Chemistry Review Game	Full Year Resource Physical Science Bell Ringers
CHEMISTRY	States of Matter	Properties of Water Solids, Liquids, and Gases	Properties of Water Solids, Liquids, and Gases	Chemistry Interactive Notebook	Properties of Water Inquiry Lab (coming soon) Solids, Liquids, and Gases Inquiry Lab Phases of Matter in the Water Cycle (coming soon)	n/a	n/a	Chemistry Review Game	Full Year Resource

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EARTH SCIENCE	Fossils	Geologic Time Scale Fossils	Geologic Time Scale Fossils	Earth Science Interactive Notebook (geologic time, fossilization)	Geologic Time Inquiry Lab Pangaea Plate Movement Inquiry Lab Fossil Evidence Inquiry Lab	n/a	Plate Tectonics Escape Room	Earth Science Review Game	Full Year Resource Earth Science Bell Ringers
EARTH SCIENCE	Rocks/Minerals	Density of a Regular-Shaped Object Density of an Irregular-Shaped Object Properties of Minerals Rock Cycle Weathering, Erosion, and Deposition	Density of a Regular-Shaped Object Density of an Irregular-Shaped Object Properties of Minerals Rock Cycle Weathering and Erosion	Earth Science Interactive Notebook	Rock Cycle Inquiry Lab Rock Cycle Inquiry Lab - NGSS Focus Density Inquiry Lab Minerals Inquiry Lab Weathering and Erosion Inquiry Lab Volcanoes	n/a	Density Escape Room	Earth Science Review Game	Full Year Resource Physical Science Bell Ringers Earth Science Bell Ringers
EARTH SCIENCE	Structure of Earth	Earthquakes Volcanoes Earth's Layers Plate Tectonics Oceans Continental Drift Theory Topographic Maps	Earthquakes Volcanoes Earth's Layers Plate Tectonics Oceans Continental Drift Theory Topographic Maps	Earth Science Interactive Notebook	Earth's Changing Surface Inquiry Lab Water Cycle Inquiry Lab Geoscience Processes: Groundwater Distribution Inquiry Lab Geoscience Processes: Fossil Fuel Distribution Inquiry Lab Geoscience Processes: Mineral Distribution Inquiry Lab Natural Hazards Inquiry Lab Earth's Layers Inquiry Lab Major Tectonic Plates Inquiry Lab Plate Tectonics Inquiry Lab Theory of Continental Drift Inquiry Lab Plate Tectonics Crustal Features Inquiry Lab Topographic Maps Inquiry Lab	n/a	Plate Tectonics Escape Room Properties of Minerals Renewable and Nonrenewable Energy Escape Room Topographic Escape Room	Earth Science Review Game	Full Year Resource Earth Science Bell Ringers
ECOSYSTEMS	Environment	Biotic and Abiotic Factors Biodiversity Ecological Succession Natural Selection Nitrogen Cycle Carbon Cycle Watersheds and Human Impact Short and Long Term Environmental Impacts to Organisms Nonrenewable Energy Resources Renewable Energy Resources Tropisms and Turgor Pressure	Abiotic and Biotic Factors Biodiversity Succession Natural Selection and Selective Breeding Nitrogen Cycle Carbon Cycle Watersheds and Human Impact Short and Long Term Environmental Impacts Nonrenewable Resources Renewable Resources Tropisms and Turgor Pressure	Ecosystems Interactive Notebook	Biotic and Abiotic Factors in an Ecosystem Inquiry Lab Microhabitats Inquiry Lab Biodiversity Inquiry Lab Natural and Artificial Selection Inquiry Lab Succession Inquiry Lab Adaptations and Internal Structures Inquiry Lab Nitrogen Cycle Inquiry Lab (coming soon) Carbon Cycle Inquiry Lab (coming soon) Homeostasis Inquiry Lab - External Responses Homeostasis Inquiry Lab - Internal Responses Water Pollution Inquiry Lab Human Impact on Natural Resources Inquiry Lab Greenhouse Effect Inquiry Lab Invasive Species Inquiry Lab (coming soon)	Project Save the Oceans Project Thrills	Renewable and Nonrenewable Energy Escape Room	Ecosystems Review Game	Full Year Resource Physical Science Bell Ringers

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MAJOR TOPIC	Sub-topic	*includes Station Labs and INBs	*included in 5E Lessons	*included in 5E Lessons	also <i>EXPLORATION</i> *NOT included in 5E Lessons	*NOT included in 5E Lessons	*NOT included in 5E Lessons	*NOT included in 5E Lessons	*NOT included in 5E Lessons
ECOSYSTEMS	Organism Relationships	Symbiosis Classification Food Webs Organism Relationships Energy Pyramids	Symbiosis Classification of Living Things Food Webs Organism Relationships Energy Pyramids	Ecosystems Interactive Notebook	Classification of Living Things Inquiry Lab Organization in an Ecosystem Inquiry Lab Food Chains, Webs, and Pyramids Inquiry Lab Competition for Resources Inquiry Lab Advantages and Disadvantages of Energy Types Inquiry Lab Pollination Inquiry Lab Population Resources Inquiry Lab Ecosystem Patterns Inquiry Lab Energy Pyramids Inquiry Lab Human Impact on Oceans Inquiry Lab Designs for Biodiversity Inquiry Lab Natural and Artificial Selection Inquiry Lab Invasive Species Inquiry Lab (coming soon) Symbiosis Inquiry Lab (coming soon) Mutations Inquiry Lab	Project Birdman	Biome Escape Room Biotic and Abiotic Factors Escape Room Dichotomous Key Escape Room Food Webs and Energy in an Ecosystem Escape Room Prokaryotic and Eukaryotic Escape Room Photosynthesis Escape Room	Ecosystems Review Game	Full Year Resource Life Science Bell Ringers
ENERGY	Forms and Transfer	Electric and Magnetic Forces Conduction, Convection, and Radiation Potential and Kinetic Energy Energy Transformations Properties of Waves Sound Waves Visible Light Photosynthesis	Electric and Magnetic Forces Conduction, Convection, and Radiation Kinetic and Potential Energy Energy Transformations Properties of Waves Sound Waves Visible Light Photosynthesis	Energy Interactive Notebook	Electrical Forces Inquiry Lab Thermal Energy - Conduction, Convection, Radiation Inquiry Lab Heat Transfer Inquiry Lab Energy Transformation Inquiry Lab Energy Transformations in an Organism Inquiry Lab Electromagnetic Spectrum Inquiry Lab Kinetic Energy Inquiry Lab Potential Energy and Height Inquiry Lab Photosynthesis and Energy Inquiry Lab Exothermic and Endothermic Reactions Inquiry Lab Electromagnetism Inquiry Lab Calorimetry Inquiry Lab Kinetic Energy Inquiry Lab Properties of Waves Inquiry Lab Wave Characteristics: Reflection Absorption Transmission Inquiry Lab Communication Signals: Digital vs Analog Inquiry Lab Potential and Kinetic Energy Inquiry Lab	Project Thrills	Electromagnetic Escape Room Energy Transformation Escape Room Heat Transfer Escape Room Potential and Kinetic Energy Escape Room Rock Cycle Escape Room Waves Escape Room	Energy Review Game	Full Year Resource Physical Science Bell Ringers

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FORCE AND MOTION	Force and Motion	Simple Machines Balanced and Unbalanced Forces Net Force Work Speed, Velocity, and Acceleration Motion Graphing Newton's Laws	Simple Machines Balanced and Unbalanced Forces Net Force Work Average Speed Motion Graphing Newton's Laws - First Law Newton's Laws - Second Law Newton's Laws - Third Law	Force and Motion Interactive Notebook	Sound Waves Inquiry Lab (coming soon) Balanced and Unbalanced Force Inquiry Lab Inclined Planes Inquiry Lab Newton's Laws Inquiry Lab - First Law Newton's Laws Inquiry Lab - Second Law Newton's Laws Inquiry Lab - Third Law Average Speed Inquiry Lab Graphing Motion Inquiry Lab Net Force Inquiry Lab Average Speed and Velocity Inquiry Lab Acceleration Inquiry Lab	Project Inhabit Mars Project Move Project Skydive Project Thrills	Graphing Escape Room Net Force Escape Room Potential and Kinetic Energy Escape Room Newton's Laws Escape Room Speed, Velocity, Acceleration Escape Room	Force and Motion Review Game	Full Year Resource Physical Science Bell Ringers
PROCEDURAL	CER - Hypothesis - Scientific Method - Lab Safety	n/a	n/a	n/a	CER Inquiry Lab (coming soon)	n/a	Scientific Method Escape Room Measurement Escape Room Lab Safety Escape Room	n/a	Full Year Resource
PROCEDURAL	Engineering Process	n/a	n/a	n/a	n/a	n/a	Engineering Design Process Escape Room	n/a	n/a
SPACE	Earth/Planets	Eclipses Planets Asteroids, Meteors, and Comets Seasons Lunar Cycle Tides	Eclipses Gravity Asteroids, Meteors, and Comets Seasons Lunar Cycle Tides Inner Planets Outer Planets	Space Interactive Notebook	Movements of Celestial Bodies Inquiry Lab Gravity in the Solar System Inquiry Lab Seasons and Daylight Inquiry Lab Lunar Cycle Inquiry Lab Lunar Cycle NGSS Focus Inquiry Lab Tides Inquiry Lab Eclipses Inquiry Lab Seasons - Rotation and Revolution Inquiry Lab Scaled Properties of Objects in the Solar System Inquiry Lab Gravity and Mass Inquiry Lab	n/a	Seasons Day and Night Escape Room Planets Escape Room Lunar Cycle Escape Room	Space Review Game	Full Year Resource Earth Science Bell Ringers
SPACE	The Universe	Galaxies and Light Years Big Bang Theory HR Diagram Life Cycle of a Star	Galaxies Big Bang Theory HR Diagram Life Cycle of a Star	Space Interactive Notebook	Galaxies Inquiry Lab Manned Space Flight Inquiry Lab Theories of the Universe Inquiry Lab Light Years Inquiry Lab (coming soon) Space Exploration Inquiry Lab Solar System Life Inquiry Lab	n/a	n/a	Space Review Game	Full Year Resource Earth Science Bell Ringers

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MAJOR TOPIC	Sub-topic	*includes Station Labs and INBs							
STRUCTURE OF LIFE	Cells to Organisms	Cell Theory Prokaryotic and Eukaryotic Cells Characteristics of Organisms Dichotomous Keys Plant and Animal Cells	Cell Theory Prokaryotic and Eukaryotic Cells Characteristics of Organisms Dichotomous Keys Plant and Animal Cells Cells	Structure of Life Interactive Notebook	Plant and Animal Cells Inquiry Lab Prokaryote Eukaryote Inquiry Lab Characteristics of Organisms Inquiry Lab Dichotomous Key Inquiry Lab Plant and Animal Cell Organelles Inquiry Lab Cell Function Inquiry Lab Cell Theory Inquiry Lab Cells to Systems Inquiry Lab Comparing Skeletal Structures Inquiry Lab Microscope Inquiry Lab Mitosis Inquiry Lab (coming soon) Meiosis Inquiry Lab (coming soon)	n/a	Cells Escape Room Classification Escape Room Prokaryotic and Eukaryotic Escape Room	Structure of Life Review Game	Full Year Resource Life Science Bell Ringers
STRUCTURE OF LIFE	Reproduction	Mitosis and Meiosis Sexual and Asexual Reproduction Genetics Inherited Traits	Mitosis and Meiosis Sexual and Asexual Reproduction Genetics Inherited Traits and Genetic Material	Structure of Life Interactive Notebook	Heredity Inquiry Lab Genetic Variation Inquiry Lab Sexual and Asexual Reproduction Inquiry Lab Inherited Traits Inquiry Lab Comparative Embryology Inquiry Lab Selective Breeding - CRISPR Technology Inquiry Lab	Project Birdman	n/a	Structure of Life Review Game	Full Year Resource Life Science Bell Ringers
WEATHER	Major Events	Catastrophic Events Hurricanes	Catastrophic Events Hurricane Formation	Weather Interactive Notebook	Catastrophic Event Inquiry Lab Hurricanes Inquiry Lab	n/a	n/a	Weather Review Game	n/a
WEATHER	Patterns	Water Cycle Atmosphere Convection Currents Weather Maps and Air Pressure	Water Cycle Atmosphere Convection Currents Weather Maps and Air Pressure Air Masses and Fronts	Weather Interactive Notebook	Phases of Water in the Water Cycle (coming soon) Convection Currents Inquiry Lab Weather Maps and Air Pressure Inquiry Lab	n/a	Weather Escape Room	Weather Review Game	Full Year Resource
SEASONAL/FUN		n/a	n/a	n/a	n/a	n/a	Winter Wonderland Escape Room Valentines Escape Room	n/a	n/a