

Science Weekly at a Glance 2017-2018

1st Nine Weeks 8/21 – 10/26

Date	K	1	2	3	4	5
8/21-8/25	Practice of Science Practicing Science	Practice of Science Practicing Science	The Practice of Science Practicing Science	The Practice of Science Practicing Science	The Practice of Science Practicing Science – Process Skills	The Practice of Science Practicing Science
8/28-9/01	Practice of Science Practicing Science	Practice of Science Practicing Science	Properties of Matter Observing and Measuring Matter	The Practice of Science Practicing Science	Properties of Matter Physical properties of matter, three states of water, & Mass	Properties of Matter Solids, Liquids, and Gases
9/05-9/08	Organization & Development of Living Organisms Five Senses & Related Body Parts	Properties of Matter Sort matter by observable Properties	Properties of Matter Observing and Measuring Matter	Properties of Matter Comparing properties of Matter	Properties of Matter Physical properties of matter, three states of water, & Mass	Properties of Matter Solids, Liquids, and Gases
9/11-9/15	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA
9/18-9/22	Organization & Development of Living Organisms Five Senses & Related Body Parts	Properties of Matter Sort matter by observable Properties	Properties of Matter Observing and Measuring Matter	Properties of Matter Comparing properties of Matter	Properties of Matter Physical properties of matter, three states of water, & Mass	Properties of Matter Solids, Liquids, and Gases
9/25-9/29	Properties of Matter Sorting Objects by Observable Properties	Motion of Objects Demonstrate and describe various ways objects can move	Properties of Matter States of Matter; characteristics of a solid, liquid and gas	Properties of Matter Measuring Properties of Matter –mass, volume, temperature	Properties of Matter Investigate Magnetic Properties	Properties of Matter Mixtures and Solutions
10/03-10/06	Properties of Matter Sorting Objects by Observable Properties	Motion of Objects Demonstrate and describe various ways objects can move	Properties of Matter States of Matter; characteristics of a solid, liquid and gas	Properties of Matter Measuring Properties of Matter –mass, volume, temperature	Changes in Matter Changes in Matter	Properties of Matter Mixtures and Solutions
10/09-10/13	Properties of Matter Sorting Objects by Observable Properties	Forces and Changes Demonstrate that the motion of an object changes by applying a push or pull	Properties of Matter Observe and describe water as a solid, liquid, and gas	Changes in Matter Water changing states	Changes in Matter Changes in Matter	Changes in Matter Changes in Matter
10/16-10/20	Changing Matter Changing Matter's Shape	Forces and Changes Demonstrate that the motion of an object changes by applying a push or pull	Properties of Matter Observe and describe water as a solid, liquid, and gas	Changes in Matter Water changing states	The Characteristics of Scientific Knowledge Thinking Like a Scientist	Motion of Objects Forces and Changes in Motion
10/23-10/26	Changing Matter Changing Matter's Shape	Forces and Changes Demonstrate that the motion of an object changes by applying a push or pull	Changes in Matter Investigate How Matter Can Change	The Role of Theories, Laws, Hypotheses, and Models Working like a scientist	The Characteristics of Scientific Knowledge Thinking Like a Scientist	Motion of Objects Forces and Changes in Motion

*Topic roll over from previous Quarter due to Hurricane Irma.

Science Weekly at a Glance

2nd Nine Weeks 10/30 - 01/18

Date	K	1	2	3	4	5
10/30-11/03	Forces and Changes of Motion Push or Pull	Earth in Space & Time Explore the Law of Gravity	Changes in Matter* Investigate How Matter Can Change	The Role of Theories, Laws, Hypotheses, and Models* Working like a scientist	Motion of Objects* Objects in Motion and Speed	The Practice of Science* Thinking Like a Scientist
11/06-11/09	Forces and Changes in Motion Push or Pull	Earth in Space & Time Explore the Law of Gravity	Forms of Energy Uses of Electricity and Other Forms of Energy	Forms of Energy Basic Forms of Energy & energy's ability to cause motion	Motion of Objects* Objects in Motion and Speed	Forms of Energy Forms of Energy
11/13-11/17	Motion of Objects Ways Objects Move	Earth in Space & Time Explore the Law of Gravity	Forms of Energy Uses of Electricity and Other Forms of Energy	Forms of Energy Basic Forms of Energy & energy's ability to cause motion	Forms of Energy Forms of Energy	Forms of Energy Forms of Energy
11/20-11/21	Motion of Objects Ways Objects Move	Earth in Space & Time Explore the Law of Gravity	Forms of Energy Uses of Electricity and Other Forms of Energy	Forms of Energy Basic Forms of Energy & energy's ability to cause motion	Forms of Energy Forms of Energy	Forms of Energy Forms of Energy
11/27-12/01	Forms of Energy Sound	Earth in Space & Time Stars in the Sky; magnifiers and their uses	Force and Changes in Motion Pushes and pulls on objects; applied forces	Forms of Energy How light travels; reflection, refraction and absorption of light	Forms of Energy Sound Energy	Forms of Energy Electrical Energy & Transformation
12/04-12/08	Forms of Energy Sound	Earth in Space & Time Stars in the Sky; magnifiers and their uses	Force and Changes in Motion Pushes and pulls on objects; applied forces	Forms of Energy How light travels; reflection, refraction and absorption of light	Forms of Energy Uses of Energy	Forms of Energy Electrical Energy & Transformation
12/11-12/15	Forms of Energy Sound	Earth in Space & Time Stars in the Sky; magnifiers and their uses	Force and Changes in Motion Effects of Gravity	Forms of Energy How light travels; reflection, refraction and absorption of light	Energy Transfer and Transformation Transfer of Heat Energy	Earth in Space & Time Earth in Space and Time
12/18-12/22	Organization & Development of Living Organisms Similarities and Differences of Plants and Animals	Earth in Space & Time Beneficial & Harmful Properties of the Sun	Force and Changes in Motion Effects of Gravity	Energy Transfer/Transformations Things that give off light often give off Heat	Earth in Space & Time Relationship among Earth, Moon, Sun and Stars –Pattern in the Sky; Earth's Movement	Earth in Space & Time Earth in Space and Time
01/08-01/12	Organization & Development of Living Organisms Similarities and Differences of Plants and Animals	Earth in Space & Time Beneficial & Harmful Properties of the Sun	Force and Changes in Motion How Magnets Work	Earth Structures Heat produced by rubbing objects	Earth in Space & Time Relationship among Earth, Moon, Sun and Stars – Phases of the Moon	Earth Systems and Patterns Water Cycle Processes

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Science Weekly at a Glance

3rd Nine Weeks 01/22-03/22

Date	K	1	2	3	4	5
01/16-01/18	Organization & Development of Living Organisms Similarities and Differences of Plants and Animals	Earth in Space & Time Beneficial & Harmful Properties of the Sun	Force and Changes in Motion How Magnets Work	Earth Structures Radiant energy from the Sun can Heat objects	Earth in Space & Time Relationship among Earth, Moon, Sun & Stars – Florida’s Space research, economy & culture	Earth Systems and Patterns Weather and Climate
3RD Nine Weeks						
01/22-01/26	Organization and Development of Living Organisms Characteristics of Animals	Organization and Development of Living Organisms Living and Nonliving Things	Organization and Development of Living Organisms Body Parts and their Functions	Earth in Space and Time Stars –Size and Observational Tools	Earth Structures Properties of Minerals, types of Rocks, properties of rocks, tools and technology	Earth Systems and Patterns* Weather and Climate
01/29-02/02	Organization and Development of Living Organisms Characteristics of Animals	Organization and Development of Living Organisms Living and Nonliving Things	Organization and Development of Living Organisms Body Parts and their Functions	Earth in Space and Time Stars –Size and Observational Tools	Earth Structures Properties of Minerals, types of Rocks, properties of rocks, tools and technology	Earth Structures Earth’s Resources
02/05-02/09	Organization and Development of Living Organisms Characteristics of Plants	Organization and Development of Living Organisms Making Observations of Living Things and Their Environments	Organization and Development of Living Organisms Body Parts and their Functions	Earth in Space and Time The Sun – Size and Appearance	Earth Structures Properties of Minerals, types of Rocks, properties of rocks, tools and technology	Earth Structures Weathering /Erosion
02/12-02/16	Organization and Development of Living Organisms Characteristics of Plants	Organization and Development of Living Organisms Making Observations of Living Things and Their Environments	Interdependence Compare and contrast basic needs of living things for survival	Earth in Space and Time The Sun – Size and Appearance	Earth Structures Weathering and Erosion	Organization & Development of Living Organisms Human Body Organs and Functions
02/20-02/23	Organization and Development of Living Organisms Characteristics of Plants	Organization and Development of Living Organisms Identify plant structures	Interdependence Explain that habitats must provide basic needs	Earth in Space and Time Gravity is a Force	Earth Structures Weathering and Erosion	Organization & Development of Living Organisms/Plant Structures & Functions; Life Cycles; Classification Plants and Animals Organs

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Science Weekly at a Glance

3rd Nine Weeks 01/22-03/22

02/26-03/02	Organization and Development of Living Organisms Plant & Animal Comparisons	Organization and Development of Living Organisms Identify plant structures	Interdependence Explain that habitats must provide basic needs	Earth in Space and Time Gravity is a Force	Earth Structures Florida's Natural Resources	Organization & Development of Living Organisms/Plant Structures & Functions; Life Cycles; Classification Plants and Animals Organs
03/05-03/09	Organization and Development of Living Organisms Plant & Animal Comparisons	Organization and Development of Living Organisms Identify plant structures	Heredity and Reproduction The Life Cycles of Plants and Animals	Diversity and Evolution of Living Organisms Animal Classification	Interdependence Seasonal Changes in Florida's Plants and Animals	Organization & Development of Living Organisms Plants and Animals Organs
03/12-03/16	Organization and Development of Living Organisms Animal and Plant Portrayals	Heredity and Reproduction Make observations that plants and animals resemble their Parents	Heredity and Reproduction The Life Cycles of Plants and Animals	Diversity and Evolution of Living Organisms Animal Classification	Interdependence Seasonal Changes in Florida's Plants and Animals	Interdependence Animal Adaptations; Environmental Changes
03/19-03/22	Organization and Development of Living Organisms Animal and Plant Portrayals	Heredity and Reproduction Make observations that plants and animals resemble their Parents	Heredity and Reproduction The Life Cycles of Plants and Animals	Diversity and Evolution of Living Organisms Animal Classification	Interdependence Seasonal Changes in Florida's Plants and Animals	Interdependence Animal Adaptations; Environmental Changes

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Science Weekly at a Glance

4th Nine Weeks 04/02 - 06/07

Date	K	1	2	3	4	5
04/02-04/06	Earth in Space and Time The Law of Gravity	Interdependence Plants and animals interact with each other & the environment for basic needs	Earth Structures How Rocks Form, How Soil Forms, Types of Soil	Organization and Development of Living Things Roles of Plant Structures, photosynthesis and Plants' Response to Stimuli	Heredity and Reproduction Sexual Reproduction in Flowering Plants	Interdependence Flow of Energy from the Sun through the Food Chains
04/09-04/13	Earth in Space and Time The Law of Gravity	Interdependence Plants and animals interact with each other & the environment for basic needs	Earth Structures How Rocks Form, How Soil Forms, Types of Soil	Organization and Development of Living Things Roles of Plant Structures, photosynthesis and Plants' Response to Stimuli	Heredity and Reproduction Sexual Reproduction in Flowering Plants	FSA CRUNCH TIME
04/16-04/19	Earth in Space and Time Day and Night Sky	Earth Structures Recognize components found on Earth's surface: land, water & air	Earth Systems and Patterns Effects of the Sun's Energy on Air, Land and Water	Organization and Development of Living Things Roles of Plant Structures, photosynthesis and Plants' Response to Stimuli	Heredity and Reproduction Major Stages of Life Cycles of Florida Plants	FSA CRUNCH TIME
04/23-04/27	Earth in Space and Time Day and Night Sky	Earth Structures Recognize components found on Earth's surface: land, water & air	Earth Systems and Patterns Effects of the Sun's Energy on Air, Land and Water	Organization and Development of Living Things Roles of Plant Structures, photosynthesis and Plants' Response to Stimuli	Heredity and Reproduction Major Stages of Life Cycles of Florida Plants	FSA CRUNCH TIME
04/30-05/04	Earth in Space and Time Repeating Patterns of Day and Night	Earth Structure Recognize components found on Earth's surface: land, water & air	Earth Systems and Patterns Effects of the Sun's Energy on Air, Land and Water	Diversity and Evolution of Living Organisms Plant Classification	Heredity and Reproduction Major Stages of Life Cycles of Florida Animals AA	Gr. 5 Florida Statewide Assessment
05/07-05/11	Earth in Space and Time Repeating Patterns of Day and Night	Earth Structure Recognize Earth's fast and slow changes to land	Earth Systems and Patterns Changing Patterns in Nature	Diversity and Evolution of Living Organisms Plant Classification	Heredity and Reproduction Major Stages of Life Cycles of Florida Animals AA	Health Literacy: Human Growth and Development and Wellness
05/14-05/18	Earth in Space and Time Repeating Patterns of Day and Night	Earth Structures Recognize Earth's fast and slow changes to land	Earth Systems and Patterns Changing Patterns in Nature	Diversity and Evolution of Living Organisms Plant Classification	Heredity and Reproduction Major Stages of Life Cycles of Florida Animals AA	Health Literacy: Human Growth and Development and Wellness

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4th Nine Weeks 04/02 - 06/07

05/21-05/25	Earth in Space and Time Objects Big and Small, Near and Far in the Sky	Earth Structures Water	Earth Systems and Patterns Preparing for severe weather	Interdependence Plant and Animal Response to Seasons	Interdependence Flow of Energy – transfer of energy in a food chain	Earth Systems and Patterns Natural Disaster Family Preparedness Plan and Pet Care
0529-06/01	Earth in Space and Time Objects Big and Small, Near and Far in the Sky	Earth Structures Water	Earth Systems and Patterns Preparing for severe weather	Interdependence Plant and Animal Response to Seasons	Interdependence Flow of Energy – transfer of energy in a food chain	Earth Systems and Patterns Natural Disaster Family Preparedness Plan and Pet Care
06/04-06/07	Earth in Space and Time Objects Big and Small, Near and Far in the Sky	Earth Structures Water	Earth Systems and Patterns Preparing for severe weather	Interdependence Plant and Animal Response to Seasons	Interdependence Flow of Energy – transfer of energy in a food chain	Earth Systems and Patterns Natural Disaster Family Preparedness Plan and Pet Care

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