

5th Grade Science

Instructional Focus Calendar

Notes		Florida Standard	"Science Fusion" Lessons	Resources	Vocabulary Words	Morning work	S.T.E.M. Lab
First Day of School: August 24th	Week 1	August 24-28 Rules and Procedures SC.5.N.1.6 SC.5.N.2.1 SC.5.N.2.2	Unit 1 Nature of Science - Lesson 1 "What is Science?"	*Anchor Chart Lessons 1 & 3 "What is Science?" *Active Reading Strategy "Yarn" *FCAT Testmaker 2.0	procedure, investigation, science, evidence, opinion	n/a	
	Week 2	August 31-September 4 SC.5.N.1.1-1.5 SC.5.N.2.1	Unit 1 Nature of Science - Lesson 3 "What are some types of investigation?"	*FCAT Testmaker 2.0	scientific method, experiment, variable, control	n/a	
9/7 Holiday	Week 3	September 7-11 SC.5.N.1.1 SC.5.N.1.2 SC.5.N.1.4	Unit 1 Nature of Science - Lesson 5 "What are some Science tools?"	*Anchor Chart Lesson 5 "What are some Science Tools" ***See Vocab *FCAT Testmaker 2.0	microscope, balance, spring scale, accurate, thermometer, stop watch, graduated cylinder	n/a	"What are the Steps of the Scientific Process?"
	Week 4	September 14-18 Unit 3 Standards SC.5.N.1.1-1.6 SC.5.N.2.1-2.2	Unit 1 Nature of Science - Review/Assessment Unit 3 Earth and Space - Lesson 1 "What objects are part of the Solar System?"	*FCAT Testmaker 2.0	Review Unit Words	n/a	
Sept. 25 1/2 Day	Week 5	September 21-25 SC.5.E.5.2 SC.5.E.5.3	Unit 3 Earth and Space - Lesson 3 "What are stars and galaxies?"	*Anchor Chart Lesson 1 "Characteristics of Inner and Outer Planets" *Create an asteroid belt with your inflatable solar system. *My Very Eager Mother Just Sent Us Naches	solar system, planet, comet, dwarf planet, asteroid, orbit, axis, revolution, rotation, constellation	n/a	
	Week 6	September 28 - October 2 SC.5.E.5.1	Unit 3 Earth and Space - "Constellations and Phases of the Moon", Reviewing and Assessing (including Unit 1)	*Interactive Notebook "Solar System, Galaxy, and Universe. Note the difference between each by illustrating .	astronomy, star, universe, galaxy	n/a	"How can you identify and predict the phases of the moon?"
	Week 7	October 5-9 Unit 4 Standards SC.5.E.5.1-3	Unit 4 Water Cycle and Weather - Lesson 1 "What is the water cycle?"	*Anchor Chart Lesson 1 "The Water Cycle" *Mr Lee Water Cycle Video	water cycle, atmosphere, evaporation, condensation, precipitation, runoff	n/a	"What is the water cycle?" (Water cycle model)
	Week 8	October 12-16 SC.5.E.7.1 SC.5.E.7.2 SC.5.E.7.4 SC.5.N.1.1-1.4	Unit 4 Water Cycle and Weather - Lesson 3 "How do we measure weather?"	*Anchor Chart Lesson 3 "Tools for measuring weather." *Anchor Chart Lesson 6 "Climate Zones" *Pg. 145 Math Station *AA Item B-8 How Does Temperature, Humidity, and Wind Affect Climate?	weather, anemometer, barometer, humidity	n/a	
Oct. 23rd Last day of nine weeks	Week 9	October 19-23 SC.5.E.7.3 SC.5.E.7.4 SC.5.E.7.7	Unit 4 Water Cycle and Weather - Lesson 6 "What factors affect climate?" Celsius vs. Fahrenheit		climate, climate zone, equator, latitude	n/a	"How can you classify minerals?"

10/26 Planning Day	Week 1	October 26-30	SC.5.E.7.5 SC.5.E.7.6	Unit 4 Water Cycle and Weather - Review & Assess			n/a	
Nov. 6th 1/2 Day	Week 1	November 2-6	SC.5.E.7.1-7.7 SC.5.N.1.1-1.4	Weathering/Erosion and Rock Cycle - review of 4th Grade standards	*Mr Lee Rock Cycle Video *Cover Resources From Florida: Limestone, Phosphate, Water, and Solar Energy.	matter, temperature, volume, gas, liquid, solid	n/a	"What affects the speed of dissolving?"
Nov. 11 No School Veteran's Day	Week 2	November 9-13	SC.5.E.7.1-7.7 SC.5.N.1.1-1.4	Assess Weathering/Erosion and Rock Cycle Unit 5 The Nature of Matter - Lesson 1 "What are solids, liquids, and gases?"	*Anchor Chart "What is Matter?" "Properties of Matter" *Anchor Chart "States of Matter" *Study Jams- Solids, Liquids, and Gases	physical change, chemical change, reaction	n/a	
	Week 3	November 16-20	Unit 5 Standards SC.5.P.8.1 SC.5.P.9.1 SC.5.N.1.1-1.4	Unit 5 The Nature of Matter - Lesson 2 "How does matter change?"	*Anchor Chart "Physical and Chemical Changes"	mixture, solution atom, atomic theory, element, compound	n/a	"How does temperature affect matter?"
Thanksgivi ng 25-27	Week 4	November 23-24	SC.5.P.8.2 SC.5.P.8.4 SC.5.N.1.1-1.4	Unit 5 The Nature of Matter - Lesson 4 "What are mixtures and solutions?"		energy, potential energy, kinetic energy, chemical energy,	n/a	
	Week 4	November 30-December 4	Unit 5 Standards SC.5.P.8.1-8.4 SC.5.P.9.1 SC.5.N.1.1-1.4	Unit 5 The Nature of Matter - Lesson 6 "What is the atomic theory?" Unit 5 The Nature of Matter - Review and Assess			n/a	"Why do opposites attract?"
	Week 4	December 7-11	Unit 6 Standards SC.5.P.10.1 SC.5.P.10.2 SC.5.N.1.1	Unit 6 Forms of Energy - Lesson 1 "What is Energy?" Unit 6 Forms of Energy - Lesson 3 "What is Electricity?"	*Anchor Chart "Forms of Energy" List forms of energy and examples see vocab *M.E.L.T.S. Mechanical, Electrical, Light, Thermal, and Sound	energy, potential energy, kinetic energy, chemical energy,	n/a	
	Week 7	December 14-18					n/a	
	Week 8	January 4-8	SC.5.P.10.2 SC.5.N.1.1 SC.5.N.2.1	Unit 6 Forms of Energy - Lesson 5 "How do we use electricity?" Renewable and Non-renewable resources (including Florida specific resources)	*Energy conversion chart for interactive notebook from book.	static energy, electric outlet	n/a	
Jan. 15 End of 2nd Nine Weeks	Week 1	January 11-15	SC.5.P.10.3 SC.5.P.10.4	Unit 6 Review and Assess Review 4th Grade Light Absorption, Reflection and Refraction .	*FCAT Testmaker 2.0	hydroelectric , fossil fuels, solar energy	n/a	
MLK- Jan. 18 Jan. 19 Teacher Planning	Week 2	January 18-22	Unit 7 Standards SC.5.P.10.1-4 SC.5.N.1.1 SC.5.N.2.1	Unit 7 Working with Electricity - Lesson 2 "What are Electric Circuits, Conductors and Insulators?"	*Anchor chart "Electric Circuits" Series, Parallel, Open, and Closed. *Anchor chart "Good Insulators and Conductors."	conductor, insulator, circuit, series circuit, parallel circuit	SC.5.N.1.1	"How do you construct an electric circuit (series and parallel)?"

	Week 21	January 25-29	SC.5.P.11.1 SC.5.P.11.2 SC.5.N.1.1 SC.5.N.2.1	Unit 7 Working with Electricity - Review and Assess Unit 8 Forces and Motion - Lesson 1 "What are Forces?"	Review with Kahoots Review Unit 7 (C.I.S.)	conductor, insulator, circuit, series circuit, parallel circuit	SC.5.N.1.1	
Feb. 5th 1/2 Day	Week 22	February 1-5	SC.5.P.13.1 SC.5.P.13.2 SC.5.P.13.3 SC.5.P.13.4		*Anchor chart: Gravity vs. Friction *Anchor chart: Balanced vs. Unbalanced Forces	force, gravity, friction, balanced forces, unbalanced forces	SC.5.N.2.1	
	Week 23	February 8-12	SC.5.P.13.1 SC.5.P.13.2 SC.5.P.13.3	Unit 8 Forces and Motion - Review and Assess Unit 9 The Structure of Living Things - Lesson 1 "What are organs and body systems?"	Review Kahoots Unit 8 Study Guide Review (C.I.S.)	organisms, organ, organ system, brain, skin	SC.5.E.5.1	"Tug of War Lab" (Balance and Unbalance Forces)
Feb 15th President's Day	Week 24	February 15-19	Unit 9 Standards SC.5.P.13.1 SC.5.P.13.2	Unit 9 The Structure of Living Things - Plant Anatomy and Structure Review of 3rd Grade Standards		nutrient, reproduction, metamorphosis,	SC.4.E.5.4	"Flower (Reproduction) Model"
	Week 25	February 22-26	SC.5.L.14.1 SC.5.L.14.2 SC.5.N.1.4	Unit 9 The Structure of Living Things - Lesson 3 "Movement, Support, Respiration, and Circulation"	*Anchor chart for each organ system. Listing its function, primary organs, and how it relates to plants and other animals.	bones, muscles, exoskeleton, lungs, heart	SC.5.E.5.3	"Body System Activity/Model"
	Week 26	March 1-5	SC.5.L.14.1 SC.5.L.14.2	Unit 9 The Structure of Living Things - Classifying Vertebrates/Invertebrates	*Anchor chart "Energy Pyramid" Producers and Consumers *Three column chart: Ecosystem, Description, and an example of a plant and	vertebrate, invertebrate, mammals, amphibians,	2SC.4.E.6.3SC.4.E.6.4	
	Week 27	March 8-12	SC.5.L.15.1 SC.5.L.17.1	Unit 9 The Structure of Living Things - Lesson 4 "Digestion, Waste Removal, and Reproduction" Review and Assess	Butterfly Metamorphosis Brain Pop- Metamorphosis	stomach, liver, pancreas, kidneys, bladder	5.E.7.1SC.5.E.7.3	
	Week 28	March 15-19	SC.5.L.15.1 SC.5.L.17.1	Unit 11 Plant and Animal Adaptations - Lesson 1 "What is Adaptation?" and Lesson 3 "Adaptations by life on land" Review 4th Grade Standard of Energy Pyramid and Food Webs		energy pyramid, producer, consumer, carnivore, omnivore, herbivore, food chain	5.P.8.1SC.5.P.8.	"Food Chain or Energy Pyramid Activity"
April 1st end of 3rd nine weeks. April 2	Week 29	March 29- April 2	Unit 11 Standards SC.5.L.15.1 SC.5.L.17.1	Unit 11 Plant and Animal Adaptations - Lesson 3 "Adaptations by life on land" Unit 11 Plant and Animal Adaptations - Lesson 4 "Adaptations by life in water"	*Three column chart: Ecosystem, Description, and an example of a plant and animal adaptation.	habitat, adaptation, instinct, grassland	SC.5.P.9.1	
	Week 30	April 5-9		Reviewing for Standards Assessment	Practice Test A, B, C Test Specs Test		SC.5.P.10.1SC.5.P.10.2SC.5.P.10.4	
	Week 31	April 12-16		Reviewing for Standards Assessment	Practice Test A, B, C Test Specs Test		SC.5.P.13.1SC.5.P.13.2	
April 23 1/2 Day	Week 32	April 19-23		Reviewing for Standards Assessment	Practice Test A, B, C Test Specs Test		SC.5.L.14.1	
	Week 33	April 26-30		Reviewing for Standards Assessment	Practice Test A, B, C Test Specs Test		SC.5.L.14.2	
	Week 34	May 3-7		Reviewing for Standards Assessment	Practice Test A, B, C Test Specs Test		SC.4.L.17.3	

	Week	May 10-14	FSA ELA Assessment FSA Math Assessment Science Standards Assessment			SC.4.L.17.3	
	Week	May 17-21	FSA ELA Assessment FSA Math Assessment Science Standards Assessment		SC.4.L.16.4SC.5.L.17.1		
	Week	May 24-28	Resource Conservation and Climate Change			n/a	
5/31 Memorial Day Last Week of School	Week	May 31- June 4	Resource Conservation and Climate Change			n/a	