

Lee County Schools 3rd Grade Pacing Guide

ALCOS Standards	Week	Topics/Themes	Vocabulary	Textbook Resources	AMSTI Modules	SAT 10 Correlations	Technology Based Lessons and Links
<p>7. Describe the life of plants, including seed, seed germination, growth, and reproduction.</p> <ul style="list-style-type: none"> Describing the role of plants in the food chain. Classifying plants according to their features. 	3	Life Science	Life cycle Seed Germinate Reproduce Organism Cell wall Cell	Treasures Unit 1 Week 3 Scott Foresman Chapter 4 Lesson 3 Chapter 1 Lesson 3	Investigations Pp: 31, 36, 39, 44	Basic Understanding 3,6,13,29,32 Thinking Skills 10,16,19,26,27,40	All of the following websites can be used for all objectives: www.sfsuccessnet.com www.aptv.org www.elearning.alsde.edu www.kids.discovery.com
10. Determine habitat conditions that support plant growth and survival.		Life Science	Pollinate Organism Kingdoms	Treasures Unit 1 Week 3 Scott Foreaman Chapter 3 Lesson 1,2,4	Investigations Pp: 125, 129, 133, 137, 141, 143, 149, 151	Basic Understanding 3,6,13,29,32 Thinking Skills 10,16,19,26,27,40	www.school.discovery.education.com/shrockguide www.education.nationalgeographic.com/education www.macmillanmhl.com www.kidsahoy.blog...al-websites-of-2009/ www.alex.stat.al.us/index.php www.thinkfinity.org www.avl.liv.al.us/databases/index/html
6. Identify structures and functions of muscular and skeletal systems of the human body.	7	Life Science	Skeleton Muscles Bones Ligaments Tendons	Treasures Unit 2 Week 1 Scott Foresman	Investigations Pp: 87, 88, 95, 101, 105, 108	Basic Understanding 3,6,13,29,32 Thinking Skills	

				Power Point		10,16,19,26,27,40	
4. Define force and motion. <ul style="list-style-type: none"> Identifying forces that change an object's position or motion. Identifying sources of friction Describing the force of gravity. 	9	Physical Science	Force Motion Push Pull Distance Speed Friction Gravity Weight	Treasures Unit 2 Week 3 Scott Foresman Chapter 12 p.322 Lessons 1 &2	Investigations Pp: 461, 464, 467, 469, 473, 475	Basic Understanding 4,20,25,39 Thinking Skills 7,11,14,21,30,31,34	
5. Identify the relationship of simple machines to compound machines.		Physical Science	Fulcrum Lever Pulley Wedge Wheel and axle	Treasures Unit 2 Week 3 Scott Foresman Chapter 12 Lesson 3	Investigations Pp: 527, 532, 535, 538, 545, 550	Basic Understanding 4,20,25,39 Thinking Skills 7,11,14,21,30,31,34	
4. Define force and motion. <ul style="list-style-type: none"> Describing the force of gravity. Identifying sources of friction. Identifying forces that change and object's position or motion. 	10	Physical Science	Force Motion Push Pull Distance Speed Friction Gravity Weight	Treasures Unit 2 Week 4 Scott Foresman Chapter 12 Lesson 1, 2 Chapter 17 p. 474	Investigations Pp: 461, 464, 467, 469, 473, 475	Basic Understanding 4,20,25,39 Thinking Skills 7,11,14,21,30,31,34	

<ul style="list-style-type: none"> Identify the relationship of simple machines to compound machines. 							
<p>12. Identify conditions that result in specific weather phenomena, including thunderstorms, tornadoes, and hurricanes.</p> <ul style="list-style-type: none"> Identifying cloud types associated with specific weather patterns. Organizing weather data into tables or charts. 	11	Earth & Space Science	Line plots Scatter plots Patterns Warm fronts Cold fronts Weather vane Barometer Anemometer Rain Gauge	Treasures Unit 2 Week 5 Scott Foresman Chapter 6 Lesson 2 p.186	Investigations Pp: 197, 201, 205, 207, 215, 220, 322, 325	Basic Understanding 2,9,15,18,22, 23,38 Thinking Skills 5,12,35,37	
<p>6. Identify structures and functions of muscular and skeletal systems of the human body.</p>	13	Life Science	Skeleton Muscles Bones Ligaments Tendons	Treasures Unit 3 Week 1 Scott Foresman Powerpoint	Investigations Pp: 87, 88, 95, 101, 105, 108	Basic Understanding 3,6,13,29,32 Thinking Skills 10,16,19,26,27,40	
<p>7. Describe the life cycle of plants, including seed, seed germination, growth, and reproduction.</p>	13	Life Science	Nutrients Roots Stem Leaf Deciduous	Treasures Unit 3 Week 1 Scott Foresman	Investigations Pp: 31, 36, 39, 44	Basic Understanding 3,6,13,29,32 Thinking Skills	

			Evergreen	Chapter 1 Lesson 4		10,16,19,26,27,40	
<p>12. Identify conditions that result in specific weather phenomena, including thunderstorms, tornadoes, and hurricanes.</p> <ul style="list-style-type: none"> Identifying cloud types associated with specific weather patterns. Identifying positive and negative effects of weather phenomena. 	14	Earth Science	Cumulus Cumulonimbus Cirrus Stratus Catastrophe	Treasures Unit 3 Week 2 Scott Foresman Chapter 6 Lesson 2 p. 190-191	Investigations Pp: 197, 201, 205, 207, 215, 220, 322, 325	<p>Basic Understanding 2,9,15,18,22, 23,38</p> <p>Thinking Skills 5,12,35,37</p>	
<p>7. Describe the life cycle of plants, including seed, seed germination, growth, and reproduction.</p> <ul style="list-style-type: none"> Describing how plants occupy space and use light, nutrients, water, and air. 	15	Life Science	Photosynthesis Chlorophyll Environment Ecosystem Producer Consumer Decomposer	Treasures Unit 3 Week 3 Scott Foresman Chapter 1 Lessons 1 & 2 Chapter 4 Lesson 2 Chapter 5 Lesson 1	Investigations Pp: 31, 36, 39, 44	<p>Basic Understanding 3,6,13,29,32</p> <p>Thinking Skills 10,16,19,26,27,40</p>	
10. Determine habitat			Habitat	Treasures	Investigations		

conditions that support plant growth and survival.			Adaptations Producer Consumer Decomposer Herbivore Carnivore Omnivore	Unit 3 Week 3 Scott Foresman Chapter 1 Lesson 1 Chapter 3 Lessons 1,2,4	Pp: 125, 129, 133, 137, 141, 143, 149, 151		
12. Identify conditions that result in specific weather phenomena, including thunderstorms, tornadoes, and hurricanes. <ul style="list-style-type: none"> Identify positive and negative effects of weather phenomena. 		Earth and Space Science	Catastrophe	Treasures Unit 3 Week 3 Scott Foresman Chapter 8 Lesson 3	Investigations Pp: 197, 201, 205, 207, 215, 220, 322, 325	Basic Understanding 2,9,15,18,22, 23,38 Thinking Skills 5,12,35,37	
13. Describe ways to sustain natural resources, including recycling, reusing, conserving, and protecting the environment. <ul style="list-style-type: none"> Recognizing the impact of society on human health and environmental 		Earth and Space Science	Natural Resources Recycling Conserving Environment Pollution	Treasures Unit 3 Week 3 Scott Foresman Chapter 9 Lesson 1,2,3 Chapter 17 1&2		Basic Understanding 2,9,15,18,22, 23,38 Thinking Skills 5,12,35,37	

conditions.							
6. Identify structures and functions of the muscular and skeletal systems of the human body.	16	Life Science	Skeleton Muscles Bones Ligaments Tendons	Treasures Unit 3 Week 4 Scott Foresman PowerPoint	Investigations Pp: 87, 88, 95, 101, 105, 108	Basic Understanding 3,6,13,29,32 Thinking Skills 10,16,19,26,27,40	
12. Identify conditions that result in specific weather phenomena, including thunderstorms, tornadoes, and hurricanes. <ul style="list-style-type: none"> Explaining symbols shown on a weather map. 			Line plots Scatter plots Patterns	Treasures Unit 3 Week 4 Scott Foresman Chapter 6 Lesson 1	Investigations Pp: 197, 201, 205, 207, 215, 220, 322, 325		
7. Describe the life cycle of plants, including seed, seed germination, growth, and reproduction.	19	Life Science		Treasures Unit 4 Week 1 Scott Foresman Chapter 1 Lesson 4	Investigations Pp: 31, 36, 39, 44	Basic Understanding 3,6,13,29,32 Thinking Skills 10,16,19,26,27,40	
2. Identify physical and chemical changes of matter.		Physical Science	Volume Density Solid Liquid Gas	Treasures Unit 4 Week 1 Scott Foresman Chapter 11 P298		Basic Understanding 4,20,25,39 Thinking Skills 7,11,14,21,30,31,34	
13. Describe ways to sustain natural		Earth and Space	Natural Resources	Treasures Unit 4		Basic Understanding	

resources, including recycling, reusing, conserving, and protecting the environment. Recognizing the impact of society on human health and environmental conditions.		Science	Recycling Conserving Environment Pollution	Week 1 Scott Foresman Chapter 9 Lessons 1,2,3		2,9,15,18,22, 23,38 Thinking Skills 5,12,35,37	
7. Describe the life cycle of plants, including seed, seed germination, growth, and reproduction. <ul style="list-style-type: none"> Identifying helpful and harmful effects of plants. 	20	Life Science		Treasures Unit 4 Week 2 Scott Foresman Chapter 4 Lesson 1	Investigations Pp: 31, 36, 39, 44	Basic Understanding 3,6,13,29,32 Thinking Skills 10,16,19,26,2 7,40	
7. Describe the life cycle of plants, including seed, seed germination, growth, and reproduction. <ul style="list-style-type: none"> Classifying plants according to their features. 	21	Life Science		Treasures Unit 4 Week 3 Scott Foresman Chapter 3 Lesson 3	Investigations Pp: 31, 36, 39, 44	Basic Understanding 3,6,13,29,32 Thinking Skills 10,16,19,26,2 7,40	
7. Describe the life cycle of plants, including seed, seed germination, growth, and reproduction. <ul style="list-style-type: none"> Identifying 		Life Science		Treasures Unit 4 Week 3 Scott Foresman Chapter 8	Investigations Pp: 31, 36, 39, 44	Basic Understanding 3,6,13,29,32 Thinking Skills 10,16,19,26,2	

helpful and harmful effects of plants.				Lesson 3		7,40	
1. Classifying substances as soluble or insoluble.		Physical Science	Mixture Solution Matter Physical property Mass	Treasures Unit 4 Week 3 Scott Foresman Chapter 11 Lesson 2	Investigations Pp: 373,379, 383, 385, 391, 396	Basic Understanding 4,20,25,39 Thinking Skills 7,11,14,21,30, 31,34	
13. Describe ways to sustain natural resources, including recycling, reusing, conserving, and protecting the environment. <ul style="list-style-type: none"> Recognizing the impact of society on human health and environmental condition. 		Earth Science	Natural Resources Recycling Conserving Environment Pollution	Treasures Unit 4 Week 3 Scott Foremans Chapter 9 Lessons 1,2,3 Chapter 6 Lesson 1		Basic Understanding 2,9,15,18,22, 23,38 Thinking Skills 5,12,35,37	
2. Identify physical and chemical changes of matter.	22	Physical Science	Chemical Change Physical Change	Treasures Unit 4 Week 4 Scott Foresman Chapter 10 p. 296		Basic Understanding 4,20,25,39 Thinking Skills 7,11,14,21,30, 31,34	www.unitedstreaming.com
12. Identify conditions that result in specific weather phenomena,		Earth Science	Cumulus Cumulonimbus Cirrus	Treasures Unit 4 Week 4	Investigations Pp: 197, 201, 205, 207,	Basic Understanding 2,9,15,18,22,	

including thunderstorms, tornadoes, and hurricanes. <ul style="list-style-type: none"> Identifying cloud types associated with specific weather patterns. 			Stratus	Scott Foresman Chapter 6 p. 190,191	215, 220, 322, 325	23,38 Thinking Skills 5,12,35,37	
13. Describe ways to sustain natural resources, including recycling, reusing, conserving, and protecting the environment. <ul style="list-style-type: none"> Recognizing the impact of society on human health and environmental condition. 		Earth Science	Natural Resources Recycling Conserving Environment Pollution	Treasures Unit 4 Week 4 Scott Foresman Chapter 9 Lessons 1,2,3 Chapter 17 Lessons 1,2		Basic Understanding 2,9,15,18,22, 23,38 Thinking Skills 5,12,35,37	
11. Describe Earth's layers, including inner and outer cores, mantle, and crust. <ul style="list-style-type: none"> Classifying rocks and minerals by characteristics including streak, color, hardness, 	25	Earth Science	Core Mantle Crust Igneous Sedimentary Metamorphic Fossil	Treasures Unit 5 Week 1 Scott Foresman Chapter 7 Lessons 1,2 p. 194	Investigations Pp: 125, 129, 133, 137, 141, 143, 149, 151	Basic Understanding 2,9,15,18,22, 23,38 Thinking Skills 5,12,35,37	

magnetism, luster, and texture.							
<p>12. Identify conditions that result in specific weather phenomena, including thunderstorms, tornadoes, and hurricanes.</p> <ul style="list-style-type: none"> Explaining symbols shown on a weather map. 	26	Earth Science	<p>Line plots</p> <p>Scatter plots</p> <p>patterns</p>	<p>Treasures</p> <p>Unit 5</p> <p>Week 2</p> <p>Scott Foresman</p> <p>Chapter 6</p> <p>Lesson 1</p>	<p>Investigations</p> <p>Pp: 197, 201, 205, 207, 215, 220, 322, 325</p>	<p>Basic Understanding</p> <p>2,9,15,18,22, 23,38</p> <p>Thinking Skills</p> <p>5,12,35,37</p>	
<p>12. Identify conditions that result in specific weather phenomena, including thunderstorms, tornadoes, and hurricanes.</p> <ul style="list-style-type: none"> Identifying technology used to record and predict weather, including thermometers, barometers, rain gauges, anemometers, and satellites. 	27	Earth Science	<p>Thermometer</p> <p>Barometer</p> <p>Rain gauge</p> <p>Anemometers</p> <p>Satellites</p> <p>Weather vane</p>	<p>Treasures</p> <p>Unit 5</p> <p>Week 3</p> <p>Scott Foresman</p> <p>Chapter 6</p> <p>Lesson 1</p>	<p>Investigations</p> <p>Pp: 197, 201, 205, 207, 215, 220, 322, 325</p>	<p>Basic Understanding</p> <p>2,9,15,18,22, 23,38</p> <p>Thinking Skills</p> <p>5,12,35,37</p>	
14. Describe the position of the Earth, the moon, and the sun		Space Science	<p>Axis</p> <p>Rotation</p> <p>Revolution</p>	<p>Treasures</p> <p>Unit 5</p> <p>Week 3</p>			

during the course of a day or month. <ul style="list-style-type: none"> Describing various forms of technology used in observing Earth and its moon. 			Moon phases Lunar cycle Lunar eclipse Solar eclipse	Scott Foresman Chapter 14 p. 446,448 Chapter 17 p. 504			
2. Identify physical and chemical changes of matter.	28	Physical Science	Physical Change Chemical Change	Treasures Unit 5 Week 4 Scott Foresman Chapter 11 Lessons 1,2,3 Chapter 13 Lesson 3		Basic Understanding 4,20,25,39 Thinking Skills 7,11,14,21,30,31,34	
5. Identify the relationship of simple machines to compound machines.	31	Physical Science	Work Simple machine Compound machine	Treasures Unit 6 Week 1 Scott Foresman Chapter 17 p.474	Investigations Pp: 527, 532, 535, 538, 545, 550	Basic Understanding 4,20,25,39 Thinking Skills 7,11,14,21,30,31,34	
4. Define force and motion. <ul style="list-style-type: none"> Identifying forces that change an object's position or motion. 	33	Physical Science	Speed Friction Gravity Weight	Treasures Unit 6 Week 1 Scott Foresman Chapter 12 Lessons 1,2	Investigations Pp: 461, 464, 467, 469, 473, 475	Basic Understanding 4,20,25,39 Thinking Skills 7,11,14,21,30,31,34	
4. Define force and motion	35	Physical Science	Force Motion	Treasures Unit 6	Investigations Pp: 461, 464,	Basic Understanding	

			Push Pull distance	Week 3 Scott Foresman Chapter 12 p.322	467, 469, 473, 475	4,20,25,39 Thinking Skills 7,11,14,21,30, 31,34	
7. Describe the life cycle of plants, including seed, seed germination, growth, and reproduction. <ul style="list-style-type: none"> Identifying how bees pollinate flowers. 	37	Life Science	Preda Tor Prey Pollinate	Treasures Unit 6 Week 5 Scott Foresman Chapter 4 Lesson 1	Investigations Pp: 31, 36, 39, 44	Basic Understanding 3,6,13,29,32 Thinking Skills 10,16,19,26,2 7,40	
7. Describe the life cycle of plants, including seed, seed germination, growth, and reproduction. <ul style="list-style-type: none"> Identifying plant and animal cells 		Life Science		Scott Foresman Chapter 1 p.5	Investigations Pp: 31, 36, 39, 44	Basic Understanding 3,6,13,29,32 Thinking Skills 10,16,19,26,2 7,40	
7. Describe the life cycle of plants, including seed, seed germination, growth, and reproduction. <ul style="list-style-type: none"> Identifying photosynthesis as the method used by plants to produce feed. 		Life Science	Photosynthesis Nutrients Life Cycle Seed Germinate	Scott Foresman Chapter 4 Lesson 1	Investigations Pp: 31, 36, 39, 44	Basic Understanding 3,6,13,29,32 Thinking Skills 10,16,19,26,2 7,40	
8. Identify how organisms are classified in the Animalia and		Life Science	Kingdoms		Investigations Pp: 87, 89, 95, 101, 105,	Basic Understanding 3,6,13,29,32	

Plantae kingdoms.					108	Thinking Skills 10,16,19,26,27,40	
9. Describe how fossils provide evidence of prehistoric plant life.		Life Science	Metamorphic Fossil	Scott Foresman Chapter 1 Lesson 5 Chapter 2 Lesson 4	Investigations Pp: 197, 201, 205, 207, 215, 220	Basic Understanding 3,6,13,29,32 Thinking Skills 10,16,19,26,27,40	
3. Describe ways energy from the sun is used.		Physical Science	Energy Solar Energy Resource Fossil Fuel Renewable Nonrenewable	Scott Foresman Chapter 3 Lesson 1 Chapter 13 Lessons 1,2 Chapter 16,17 Lesson 2	Investigations Pp: 461, 464, 467, 469, 473, 475	Basic Understanding 4,20,25,39 Thinking Skills 7,11,14,21,30,31,34	