Lee County Schools 3rd Grade Pacing Guide

ALCOS Standards	Week	Topics/Themes	Vocabulary	Textbook	AMSTI	SAT 10	Technology Based Lessons and Links
				Resources	Modules	Correlations	
7. Describe the life of	3	Life Science	Life cycle	Treasures	Investigations	Basic	All of the following websites can be used
plants, including seed,			Seed	Unit 1	Pp: 31, 36,	Understanding	for all objectives:
seed germination,			Germinate	Week 3	39, 44	3,6,13,29,32	www.sfsuccessnet.com
growth, and			Reproduce	Scott			www.aptv.org
reproduction.			Organism	Foresman		Thinking Skills	www.elearning.alsde.edu
 Describing the 			Cell wall	Chapter 4		10,16,19,26,2	www.kids.discovery.com
role of plants in			Cell	Lesson 3		7,40	
the food chain.				Chapter 1			
 Classifying 				Lesson 3			
plants							
according to							
their features.							
10. Determine habitat		Life Science	Pollinate	Treasures	Investigations	Basic	www.school.discovery.education.com/shroc
conditions that support			Organism	Unit 1	Pp: 125, 129,	Understanding	<u>kguide</u>
plant growth and			Kingdoms	Week 3	133, 137,	3,6,13,29,32	www.education.nationalgeographic.com//ed
survival.				Scott	141, 143,		<u>ucation</u>
				Foreaman	149, 151	Thinking Skills	www.macmillanmhl.com
				Chapter 3		10,16,19,26,2	www.kidsahoy.blogal-websites-of-2009/
				Lesson		7,40	www.alex.stat.al.us/index.php
				1,2,4			www.thinkfinity.org
							www.avl.liv.al.us/databases/index/html
6. Identify structures	7	Life Science	Skeleton	Treasures	Investigations	Basic	
and functions of			Muscles	Unit 2	Pp: 87, 88,	Understanding	
muscular and skeletal			Bones	Week 1	95, 101, 105,	3,6,13,29,32	
systems of the human			Ligaments	Scott	108	-,-,,,- -	
body.			Tendons	Foresman		Thinking Skills	
•	1	1	l .	I .	1		I .

				Power Point		10,16,19,26,2 7,40	
4. Define force and motion. 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. 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	

Identify the relationship of simple machines to compound machines. 12. Identify conditions that result in specific weather phenomena, including thunderstorms, tornadoes, and hurricanes. Identifying cloud types	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	
associated with specific weather patterns. • Organizing weather data into tables or charts.							
6. Identify structures and functions of muscular and skeletal systems of the human body.	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 10,16,19,26,2 7,40	
7. Describe the life cycle of plants, including seed, seed germination, growth, and reproduction.	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		10,16,19,26,2 7,40	
12. Identify conditions that result in specific weather phenomena, including thunderstorms, tornadoes, and hurricanes. • Indentifying cloud types associated with specific weather patterns. • Indentifying 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	Basic Understanding 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. • 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	Basic Understanding 3,6,13,29,32 Thinking Skills 10,16,19,26,2 7,40	
10. Determine habitat			Habitat	Treasures	Investigations		

		I	1	1	1	
conditions that support		Adaptations	Unit 3	Pp: 125, 129,		
plant growth and		Producer	Week 3	133, 137,		
survival.		Consumer	Scott	141, 143,		
		Decomposer	Foresman	149, 151		
		Herbivore	Chapter 1			
		Carnivore	Lesson 1			
		Omnivore	Chapter 3			
			Lessons			
			1,2,4			
12. Identify conditions	Earth and	Catastrophe	Treasures	Investigations	Basic	
that result in specific	Space		Unit 3	Pp: 197, 201,	Understanding	
weather phenomena,	Science		Week 3	205, 207,	2,9,15,18,22,	
including			Scott	215, 220,	23,38	
thunderstorms,			Foresman	322, 325		
tornadoes, and			Chapter 8		Thinking Skills	
hurricanes.			Lesson 3		5,12,35,37	
 Identify 						
positive and						
negative effects						
of weather						
phenomena.						
13. Describe ways to	Earth and	Natural	Treasures		Basic	
sustain natural	Space Science	Resources	Unit 3		Understanding	
resources, including	Space Science	Recycling	Week 3		2,9,15,18,22,	
recycling, reusing,		Conserving	Scott		23,38	
conserving, and		Environment	Foresman		23,30	
protecting the		Pollution	Chapter 9		Thinking Skills	
environment.		Tollation	Lesson		5,12,35,37	
			1,2,3		3,12,33,37	
9 9			1,2,3			
impact of			Chapter 17			
society on			1&2			
human health			1&2			
and						
environmental						

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 10,16,19,26,2 7,40	
12. Identify conditions that result in specific weather phenomena, including thunderstorms, tornadoes, and hurricanes. • 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 10,16,19,26,2 7,40	
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. • 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. • 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. • 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. • 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,	

	1	1	I	T	1	T	
including			Stratus	Scott	215, 220,	23,38	
thunderstorms,				Foresman	322, 325		
tornadoes, and				Chapter 6		Thinking Skills	
hurricanes.				p. 190,191		5,12,35,37	
 Identifying 							
cloud types							
associated with							
specific							
weather							
patterns.							
13. Describe ways to		Earth Science	Natural	Treasures		Basic	
sustain natural			Resources	Unit 4		Understanding	
resources, including			Recycling	Week 4		2,9,15,18,22,	
recycling, reusing,			Conserving	Scott		23,38	
conserving, and			Environment	Foresman			
protecting the			Pollution	Chapter 9		Thinking Skills	
environment.				Lessons		5,12,35,37	
 Recognizing the 				1,2,3			
impact of							
society on				Chapter 17			
human health				Lessons 1,2			
and							
environmental							
condition.							
11. Describe Earth's	25	Earth Science	Core	Treasures	Investigations	Basic	
layers, including inner			Mantle	Unit 5	Pp: 125, 129,	Understanding	
and outer cores,			Crust	Week 1	133, 137,	2,9,15,18,22,	
mantle, and crust.			Igneous	Scott	141, 143,	23,38	
 Classifying 			Sedimentary	Foresman	149, 151		
rocks and			Metamorphic	Chapter 7		Thinking Skills	
minerals by			Fossil	Lessons 1,2		5,12,35,37	
characteristics				p. 194			
including							
streak, color,							
hardness,							

	I	I	T	1		ī	
magnetism,							
luster, and							
texture.							
12. Identify conditions	26	Earth Science	Line plots	Treasures	Investigations	Basic	
that result in specific			Scatter plots	Unit 5	Pp: 197, 201,	Understanding	
weather phenomena,			patterns	Week 2	205, 207,	2,9,15,18,22,	
including			patterns	Scott	215, 220,	23,38	
thunderstorms,				Foresman	322, 325	23,30	
tornadoes, and				Chapter 6	322, 323	Thinking Skills	
•				·		-	
hurricanes.				Lesson 1		5,12,35,37	
Explaining							
symbols shown							
on a weather							
map.							
12. Identify conditions	27	Earth Science	Thermometer	Treasures	Investigations	Basic	
that result in specific			Barometer	Unit 5	Pp: 197, 201,	Understanding	
weather phenomena,			Rain gauge	Week 3	205, 207,	2,9,15,18,22,	
including			Anemometers	Scott	215, 220,	23,38	
thunderstorms,			Satellites	Foresman	322, 325		
tornadoes, and			Weather vane	Chapter 6		Thinking Skills	
hurricanes.				Lesson 1		5,12,35,37	
 Identifying 						-, ,,-	
technology							
used to record							
and predict							
weather,							
including							
thermometers,							
barometers,							
rain gauges,							
anemometers,							
and satellites.							
14. Describe the		Space	Axis	Treasures			
position of the Earth,		Science	Rotation	Unit 5			
the moon, and the sun			Revolution	Week 3			

during the course of a day or month. • 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. 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	

			Desale	14/2 al. 2	467 460	4 20 25 20	1
			Push	Week 3	467, 469,	4,20,25,39	
			Pull	Scott	473, 475		
			distance	Foresman		Thinking Skills	
				Chapter 12		7,11,14,21,30,	
				p.322		31,34	
7. Describe the life	37	Life Science	Preda	Treasures	Investigations	Basic	
cycle of plants,			Tor	Unit 6	Pp: 31, 36,	Understanding	
including seed, seed			Prey Pollinate	Week 5	39, 44	3,6,13,29,32	
germination, growth,				Scott			
and reproduction.				Foresman		Thinking Skills	
 Identifying how 				Chapter 4		10,16,19,26,2	
bees pollinate				Lesson 1		7,40	
flowers.							
7. Describe the life		Life Science		Scott	Investigations	Basic	
cycle of plants,				Foresman	Pp: 31, 36,	Understanding	
including seed, seed				Chapter 1	39, 44	3,6,13,29,32	
germination, growth,				p.5			
and reproduction.						Thinking Skills	
 Identifying 						10,16,19,26,2	
plant and						7,40	
animal cells						, and the second	
7. Describe the life		Life Science	Photosynthesis	Scott	Investigations	Basic	
cycle of plants,			Nutrients	Foresman	Pp: 31, 36,	Understanding	
including seed, seed			Life Cycle	Chapter 4	39, 44	3,6,13,29,32	
germination, growth,			Seed	Lesson 1		5,5,2-5,2-5	
and reproduction.			Germinate			Thinking Skills	
Identifying						10,16,19,26,2	
photosynthesis						7,40	
as the method							
used by plants							
to produce							
feed.							
8. Identify how		Life Science	Kingdoms		Investigations	Basic	
organisms are classified		Life Science	Kinguoins		Pp: 87, 89,	Understanding	
in the Animalia and					95, 101, 105,	3,6,13,29,32	
iii tile Allillidiid dilu					33, 101, 103,	J,U,1J,CJ,JL	

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