

## Lee County Schools 2nd Grade Pacing Guide Science

ALCOS Standards	Week	Topics/Themes	Vocabulary	Textbook Resources	AMSTI Modules	SAT 10 Correlations	Technology Based Lessons and Links
	1	Seed to Plant Johnny Appleseed		Treasures Start Smart			
6. Identify characteristics of animals, including behavior, size, and body covering. <ul style="list-style-type: none"> <li>Comparing existing animals to extinct animals.</li> </ul>	2	Life Science	Extinct Endanger Fossil Dinosaur	Treasures Unit 1 Week 1 Scott Foresman Chapter 2 Lessons 1-7	Organisms Lessons 7-11, 14, 15  Soils Lesson 10		All of the following websites can be used for all objectives: <a href="http://www.sfsuccessnet.com">www.sfsuccessnet.com</a> <a href="http://www.aptv.org">www.aptv.org</a> <a href="http://www.elearning.alsde.edu">www.elearning.alsde.edu</a> <a href="http://www.kids.discovery.com">www.kids.discovery.com</a>
6. Identify characteristics of animals, including behavior, size, and body covering. <ul style="list-style-type: none"> <li>Comparing existing animals to extinct animals.</li> </ul>	3	Life Science	Extinct Endanger	Treasures Unit 1 Week 2 Scott Foresman Chapter 2 Lessons 1-7	Organisms Lessons 7-11, 14, 15  Soils Lesson 10		<a href="http://www.school.discovery.education.com/shrockguide">www.school.discovery.education.com/shrockguide</a> <a href="http://www.education.nationalgeographic.com//education">www.education.nationalgeographic.com//education</a> <a href="http://www.macmillanmhl.com">www.macmillanmhl.com</a> <a href="http://www.kidsahoy.blog...al-websites-of-2009/">www.kidsahoy.blog...al-websites-of-2009/</a> <a href="http://www.alex.stat.al.us/index.php">www.alex.stat.al.us/index.php</a> <a href="http://www.thinkfinity.org">www.thinkfinity.org</a> <a href="http://www.avl.liv.al.us/databases/index/html">www.avl.liv.al.us/databases/index/html</a>
2. Identify vibration as the source of sound. <ul style="list-style-type: none"> <li>Identifying pitch and volume as properties of sound</li> </ul>	5	Physical Science	Loudness Sound Vibrate Sound wave	Treasures Unit 1 Week 4 Scott Foresman Chapter 9 Lesson 5			

<p>2. Identify vibration as the source of sound.</p> <ul style="list-style-type: none"> <li>Distinguishing between pitch and volume of sound</li> </ul>		Physical Science	Loudness Sound Vibrate Sound wave	Scott Foresman Chapter 11 Lessons 1-5			
<p>5. Identify the relationship of structure to function in plants, including roots, stems, leaves and flowers.</p> <p>10. Identify the impact of weather on agriculture, recreation, the economy, and society.</p>	8	Life Science	Stem Root Leaves Flowers Trunk Season Weather Pattern	Treasures Unit 2 Week 1 Scott Foresman Chapter 1 Lesson 1  Chapter 6 Lesson 1	Organisms Lessons 4-6, 12,13,15 Soils Lessons 9,10,13		
<p>6. Identify characteristics of animals, including behavior, size, and body covering.</p> <ul style="list-style-type: none"> <li>Identifying migration and hibernation as survival strategies.</li> </ul>	9	Life Science	Environment Habitat Adapt Desert Rain forest Grassland	Treasures Unit 2 Week 2 Scott Foresman Chapter 6 Lessons 5-6	Organisms Lessons 7-11, 14, 15  Soils Lesson 10		
<p>6. Identify characteristics of animals, including behavior, size, and body covering.</p> <ul style="list-style-type: none"> <li>Identifying migration and hibernation as survival</li> </ul>	14	Life Science	Tundra Ocean Pond	Treasures Unit 3 Week 1 Scott Foresman Chapter 6 Lessons 5-6	Organisms Lessons 7-11, 14, 15  Soils Lesson 10		

strategies.							
6. Identify characteristics of animals, including behavior, size, and body covering. <ul style="list-style-type: none"> <li>Identifying migration and hibernation as survival strategies.</li> </ul>	21	Life Science	Habitat	Treasures Unit 4 Week 2 Scott Foresman Chapter 7 Lesson 2	Organisms Lessons 7-11, 14, 15  Soils Lesson 10		
9. Describe evaporation, condensation, and precipitation in the water cycle.	22	Earth Science	Water vapor Condensation Evaporation	Treasures Unit 4 Week 3 Scott Foresman Chapter 6 Lesson 2	Organisms Lesson 12		
10. Identify the impact of weather on agriculture, recreation, the economy, and society. <ul style="list-style-type: none"> <li>Recognizing the importance of science and technology to weather prediction.</li> </ul>	22-23	Earth Science		Treasures Unit 4 Week 4 Scott Foresman Chapter 6 Lesson 1			
6. Identify characteristics of animals, including behavior, size, and body covering. <ul style="list-style-type: none"> <li>Identifying migration and hibernation as</li> </ul>	26	Life Science		Treasures Unit 5 Week 1 Scott Foresman Chapter 6 Lessons	Organisms Lessons 7-11, 14, 15  Soils Lesson 10		

survival strategies. 9. Describe evaporation, condensation, and precipitation in the water cycle.				5-6 Chapter 6 Lesson 2	Organisms Lesson 12		
7. Identify geological features as mountains, valleys, plains, deserts, lakes, rivers, and oceans. <ul style="list-style-type: none"> <li>Identifying local landforms and bodies of water</li> <li>Identifying components of soil, including sand, clay, and salt.</li> </ul>	28	Earth Science	Desert Adapt Rain forest Grassland Tundra Ocean Pond Environment	Treasures Unit 5 Week 3 Scott Foresman Chapter 5 Lesson 2  Chapter 5 Lesson 4	Soils Lessons 3-8, 12, 14-16 Organisms Lesson 4 GLOBE		
5. Identify the relationship of structure to function in plants, including roots, stems, leaves, and flowers.	29	Life Science	Shrub Life cycle germinate	Treasures Unit 5 Week 4 Chapter 1 Lesson 1			
11. Identify basic components of our solar system including the sun, planets, and the Earth's moon.	30	Space Science	Solar system Planet Orbit Star Constellation Rotate Moon	Treasures Unit 5 Week 5 Scott Foresman Chapter 12 Lessons 1-6			
4. Describe observable effects of forces,		Physical Science	Gravity Pole	Treasures Unit 5	Balancing and Weighing	X	

including buoyancy, gravity, and magnetism.			Attract Repel magnet	Week 5 Scott Foremans Chapter 10 Lesson 1- 5	Lessons 4-10		
9. Describe evaporation, condensation, and precipitation in the water cycle.	32	Earth Science	Water vapor	Treasures Unit 6 Week 2 Scott Foresman Chapter 6 Lesson 2			
2. Identify vibration as the source of sound. <ul style="list-style-type: none"> <li>Identifying pitch and volume as properties of sound.</li> </ul>	33	Physical Science	Sound Vibrate Sound wave Loudness pitch	Treasures Unit 6 Week 3 Scott Foresman Chapter 9 Lesson 5			
4. Describe observable effects of forces, including buoyancy, gravity, and magnetism. <ul style="list-style-type: none"> <li>Identifying simple machines, including the inclined plane, lever, pulley, wedge, screw, and wheel and axle.</li> </ul>	35	Physical Science	Equal arm balance Inclined plane Lever Simple machines Balance Weigh pulley	Treasures Unit 6 Week 5 Scott Foresman Chapter 10 Lessons 1-5		X	
1. Identify states of		Physical	Solid	Scott	Investigations		

<p>matter as solids, liquids, and gases.</p> <ul style="list-style-type: none"> <li>• Describing objects according to physical properties, including hardness, color, and flexibility.</li> <li>• Describing changes between states of matter.</li> <li>• Measuring quantities of solids and liquids.</li> </ul>		Science	Liquid Condensation Evaporation State of matter Property Mixture Gas Mass Observe	Foresman Chapter 8 Lessons 1-4  Chapter 9 Lesson 3	1-4 Soils, Lessons 3-5, 14-15 GLOBE Balancing and Weighing Lessons 8-9, 11-12, 15 GLOBE FOSS Solids and Liquids Investigations 2-4 FOSS Solids and Liquids Investigations 4 Soils Lessons 1,11,15,16	
<p>3. Recognize that light travels in straight line until it strikes an object.</p> <ul style="list-style-type: none"> <li>• Recognizing that light can be reflected.</li> </ul>		Physical Science	Electricity Friction Energy heat	Scott Foresman Chapter 9 Lesson 4 & p.296		X