

## What Can I Do to Review for Biology EOC?

<b>R E S O U R C E S</b>	<a href="http://www.classzone.com">www.classzone.com</a>	<p><b>Holt Biology Textbook Online Resources:</b>                      Select High School Science                      Select Florida for the state then click on "Find your book" then select the 2012 textbook                      Select "Interactive Review" - on the left side of the page, click the white arrow to select the section - you can choose vocab games, concept maps, etc.                      Select "Assessment" for practice questions</p>
	<a href="http://www.florida-achieves.com">http://www.florida-achieves.com</a>	<p><b>Florida Department of Education online review</b>                      Sign in with school user name &amp; password                      o FCAT Explorer - go to Science Mission; start with Cell Biology; provides a variety of "game-like" review                      o FOCUS – two 5 question mini-assessments for each benchmark</p>

<b>RESOURCES FOR SPECIFIC BENCHMARKS</b>								
Benchmark	Topic	Holt Biology Textbook Chapter & Pages	Holt Interactive Reader Biology Pages	Video Clips Brain Pop Login Username: gibbs_hs Password: bpinellas	Online Interactives	Quizlets (Vocab Practice)		
SC.912.L.14.1	Cell Theory	Chapter 3, Section 3.1, pages 70-71	page 37	<a href="#">Cell Theory Song</a>	<a href="#">INTERACTIVE REVIEW: Cell Theory</a>	<a href="#">Cell Theory Scientists</a>		
SC.912.L.14.3	Prokaryotic & Eukaryotic Cells	Chapter 3, Sections 3.1, 3.2, 3.4, 3.5; pages 73-79, 85-91	pages 38-50	<a href="#">Brain Pop: Cells</a>	<a href="#">Parts of a Cell</a>	<a href="#">GIZMO: Cell Structure</a>	<a href="#">GIZMO: Osmosis</a>	<a href="#">Cell Organelles</a>
				<a href="#">Assignment Discover: Introduction to Cells</a>	<a href="#">Brain Pop: Cell Structures</a>	<a href="#">GIZMO: Diffusion</a>	<a href="#">Cells Alive Animal &amp; Plant Cell</a>	<a href="#">Cell Membrane</a>

Benchmark	Topic	Holt Biology Textbook	Holt Interactive Reader Biology	Video Clips		Online Interactives	Quizlets
SC.912.L.16.1	Mendel's Laws	Chapter 6, Sections 6.3, 6.4, 6.5; pages 177-187 Chapter 7, Sections 7.1 & 7.2; pages 200-207	pages 96-104, 110-113	<a href="#">Introduction to Heredity</a>	<a href="#">Brain Pop Heredity</a>	<a href="#">WEB LAB: Genotype &amp; Phenotype</a>	<a href="#">Genetics Test I</a>
				<a href="#">Punnett Square Fun</a>	<a href="#">Genetic Mysteries Podcast</a>	<a href="#">GIZMO: Mouse Genetics (one trait)</a>	
				<a href="#">Brain Pop Genetics</a>	<a href="#">Sex-Linked Traits</a>	<a href="#">GIZMO: Mouse Genetics (two traits)</a>	
				<a href="#">100 Greatest Discoveries: Genetics and Gregor Mendel</a>		<a href="#">GIZMO: Chicken Genetics</a>	
SC.912.L.16.3	DNA Replication	Chapter 8, Sections 8.3, 8.4, 8.5, 8.7; pages 235-247, 252-255	pages 127-138, 142-144 (mutations)	<a href="#">Brain Pop DNA</a>	<a href="#">DNA Replication</a>	<a href="#">GIZMO: Building DNA</a>	<a href="#">DNA replication &amp; protein synthesis</a>
				<a href="#">Brain Pop RNA</a>	<a href="#">DNA Replication Song</a>	<a href="#">GIZMO: RNA and Protein Synthesis</a>	
				<a href="#">Brain Pop Genetic Mutations</a>	<a href="#">An Introduction to DNA</a>	<a href="#">Tour of the Basics: DNA &amp; Genes</a>	
SC.912.L.16.10	Biotechnology	Chapter 9, Section 9.4, pages 275-279	pages 154-156	<a href="#">Biotechnology at the Cutting Edge</a>	<a href="#">Introduction to Biotechnology</a>	<a href="#">WEB LAB: Gel Electrophoresis</a>	<a href="#">Biotechnology</a>
				<a href="#">What is Biotechnology?</a>		<a href="#">GIZMO: DNA Fingerprint Analysis</a>	
SC.912.L.16.17	Mitosis vs. Meiosis	Chapter 5, Sections 5.1, 5.2, 5.4 pages 134-142, 146-150 Chapter 6, Sections 6.1, 6.2; pages 168-	pages 74-81, 90-95, 105-106 (crossing over)	<a href="#">Brain Pop: Mitosis</a>	<a href="#">Phases of Mitosis</a>	<a href="#">GIZMO: Cell Division</a>	<a href="#">Cell Division</a>
				<a href="#">Cell Division and the Cell Cycle</a>	<a href="#">Mitosis, Meiosis, and Sexual Reproduction</a>	<a href="#">Cells Alive Cell Cycle</a>	
				<a href="#">Mitosis Vs. Meiosis from Thinkwell's Video Biology Course</a>			

Benchmark	Topic	Holt Biology Textbook	Holt Interactive Reader Biology	Video Clips		Online Interactives	Quizlets
SC.912.L.18.1	Macromolecules	Chapter 2, Section 2.3, 2.5, pages 44-48, 54-56	pages 25-29, 33-34 (enzymes)	<a href="#">Brain Pop: Body Chemistry</a>	<a href="#">Assignment Discovery: Food Molecules</a>	<a href="#">GIZMO: Identifying Nutrients</a>	<a href="#">Organic Molecules</a>
				<a href="#">You Tube: Mischievous Macromolecules</a>	<a href="#">Macromolecules Podcast</a>		
				<a href="#">You Tube: Macromolecules</a>			
SC.912.L.18.9	Photosynthesis & Cellular Respiration	Chapter 4, Sections 4.1, 4.2, 4.4; pages 100-103, 113-114, <b>121</b>	pages 53-58 (not thylakoids, light dependent or independent reactions, pg 62-64 (not stages)	<a href="#">Brain Pop: Photosynthesis</a>	<a href="#">Assignment Discovery: Eukaryotic Cells</a>	<a href="#">GIZMO: Cell Energy Cycle</a>	<a href="#">Photosynthesis/ Cellular Respiration</a>
				<a href="#">Brain Pop: Cellular Respiration</a>	<a href="#">Khan Academy: Photosynthesis (1st 3 minutes only)</a>	<a href="#">Illuminating Photosynthesis</a>	
				<a href="#">Photosynthesis and Respiration (1st 6 minutes only)</a>			
SC.912.L.18.12	Properties of Water	Chapter 2, Section 2.2, pages 40-42	pages 22-24	<a href="#">Brain Pop Water</a>	<a href="#">The Freezing Dynamics of Water</a>	<a href="#">Water Web Quest</a>	<a href="#">Properties of Water</a>
				<a href="#">To Stick or Not to Stick</a>			

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	<p style="text-align: center;">Florida Department of Education online review sign in with school user name &amp; password o FCAT Explorer - go to Science Mission; start with Cell Biology; provides a variety of “game-like” review</p> <p style="text-align: center;"><a href="http://www.florida-achieves.com">http://www.florida-achieves.com</a></p> <p style="text-align: center;">o FOCUS – two 5 question mini-assessments for each benchmark</p>

<b>RESOURCES FOR SPECIFIC BENCHMARKS</b>							
Benchmark	Topic	Holt Biology Textbook pages	Holt Interactive Reader Biology pages	Video Clips Brain Pop videos	Online Interactive	Quizlets	Achieve 3000 Biology Program
SC.912.L.14.7	Plant Structure & Function				<a href="#">GIZMO: Flower Pollination</a>		

SC.912.L.14.26	Brain Parts				<a href="#">WEB LAB: Color the parts of the brain</a>		Select Human Systems, then Structures of the
SC.912.L.14.36	Cardiovascular System				<a href="#">GIZMO: Circulatory System</a>		Select Human Systems, then Supplying Oxygen
SC.912.L.14.52	Immune System				<a href="#">ANIMATED BIO: What Would You Prescribe</a>		
SC.912.L.15.1	Evolution				<a href="#">GIZMO: Evolution</a>		Select Biological Evolution if it is not already, then
					<a href="#">Evolution Interactives</a>		
SC.912.L.15.6	Individual & Public Health				<a href="#">INTERACTIVE REVIEW: Three Domains</a>		
SC.912.L.15.8	Origin of Life				<a href="#">GIZMO: Skull Evolution</a>		
SC.912.L.15.13	Natural Selection				<a href="#">GIZMO: Natural Selection</a>		
SC.912.L.16.13	Human Development				<a href="#">ANIMATED BIO: Developmental Time Line</a>		
SC.912.L.17.5	Carrying Capacity				<a href="#">ANIMATED BIO: What Limits Population Growth</a>		
SC.912.L.17.9	Trophic Levels				<a href="#">GIZMO: Food Chain</a>		

SC.912.L.17.20	Population Growth				<a href="#">GIZMOS: Populations &amp; Samples</a>		
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