

5th Grade Science Curriculum
5th Grade Life Science Nine Week Curriculum Guide
 Developed Summer 2009

Academic Vocabulary: cell, cell membrane, cytoplasm, nucleus, cell wall, predator, prey, mutualism, commensalism, parasitism, photosynthesis, heredity, inherited trait, adaptation, relative age

Grade Level Expectations (GLEs)	Sample Essential Questions	Resources Science Safety Information	Common Experiences (or equivalent lesson)	Checks for Understanding	Integrations/Connections including Inquiry and Technology and Engineering (* used continually throughout the curriculum.)
Standard 1 – Cells Conceptual Strand 1: <i>All living things are made of cells that perform functions necessary for life.</i>			Time Frame: 1 st 9 weeks Guiding Question 1: <i>How are plant and animals cells organized to carry on the processes of life?</i>		
GLE 0507.1.1 Distinguish between the basic structures and functions of plant and animal cells.	What is the difference between plant and animal cell parts and the functions they do?	TE: Ch. 1, Lesson 1 pp. 26-27, 30-33 -Art Link: p. 35 -Explore: p. 27 -Quick Lab: p. 33 *GLE 0507.Inq.2 See TE: p. Tviii Lesson Plan: “Cell Parts & Functions” http://www.accessexcellence.org/AE/AEC/AEF/1996/fernandez_cell.php	TE: Art Link p. 35 Cell Drawings or Model with Compare/Contrast	0507.1.1 Label drawings of plant and animals cells. 0507.1.2 Compare and contrast the basic structures and functions of plant and animal cells.	*GLE 0507.Inq.2 Select and use appropriate tools and simple equipment to conduct an investigation. Latin Root: bio Meaning: “life” Exs.: biology, biopsy, biochemist TE-Reading Skill: Compare & Contrast TE-Math Link: p. 35 Dividing Bacteria