

SCIENCE  
Comprehensive Curriculum Guide  
Correlated with Holt Life Science and Technology

Grade 7
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First Nine Weeks							
<i>Note: The Science as Inquiry GLEs are embedded in the suggested experiments and activities. Other activities incorporated by teachers may result in additional SI GLEs being addressed during instruction.</i>							
CC Activity		GLE # and Description	Resources			Suggested # of Days	Date Taught
#	Page		Chapter Lesson	Supplemental	Assessment		
		SI 7 Record observations using methods that complement investigations (e.g., journals, tables, charts) (SI-M-A3) SI 11 Construct, use, and interpret appropriate graphical representations to collect, record, and report data (e.g., tables, charts, circle graphs, bar and line graphs, diagrams, scatter plots, symbols) (SI-M-A4) SI 12 Use data & information gathered to develop an explanation of experimental results (SI-M-A4) SI 32 Explain the use of statistical methods to confirm the significance of data (e.g., mean, median, mode, range) (SI-M-B3)	Ch 1 Sec 1 Graphing Activity   Ch. 1 Sec. 2	IMPACTS Candy Bar Graph, B'day Graph, etc.	Construct graph DRWS 1-2	2	
		SI 21 Distinguish between observations and inferences SI 9 Use computers and/or calculators to analyze and interpret Quantitative data. (SI-M-A3) SI 10 Identify the difference between description and explanation. (SI-M-A4)	Ch 1 Sec 2	IMPACTS To Observe or To Infer	DRWS 2-4	1	
1	3	SI 3 Use a variety of sources to answer questions (SI-M-A1) SI 23 Use relevant safety procedures & equipment to conduct scientific investigations <i>*Safety in the Science Classroom</i>	Ch 1 Sec 3	IMPACTS Safety Game	DRWS 4-6 Study Guide 1-7	2	
		SI 19 Communicate ideas in a variety of ways (e.g., symbols, illustrations, graphs, charts, spreadsheets, concept maps, oral written reports, equations) (SI-M-A7) SI 20 Write clear, step-by-step instructions that others can follow to carry out procedures or conduct investigations (SI-M-A7)	Text, library, internet, etc.	IMPACTS Peanut Butter Procedures		2	
4	18	LS-2 Compare the basic structures and functions of different types of cells (LS-M-A1) SI 6 Select and use appropriate equipment, technology, tools, and metric system units of measurement to make observations (SI-M-A3) – introduce microscope SI 33 Evaluate models, identify problems in design, and make recommendations for improvement. (SI-B-M4) <i>*Who's in the Pond?</i>	Ch 3 Sec 1 Pp 36-39	IMPACTS Organelles Jigsaw DRWS 13-15 Cell Models		2	

\* Title of the LA CC Activity      DRWS-Directed Reading Worksheet      PBA- Performance Based Assessment      CC-Comprehensive Curriculum