Grades 6, 7, 8

LabLearner Reading Concept	Common Core State Standard: Science and Technical Subjects									
	Cite specific textual evidence to support analysis of science and technical texts	Determine central ideas/conclusions;provide summary of the text	Follow multistep procedures for experiments/measurements/technical tasks	Determine meaning of symbols/key terms/domain-specific words/phrases	Analyze structure of text, including major sections of topic	Analyze purpose in explanation/procedure/experiment in a text	Express quantitative/technical information visually	Distinguish among facts, research findings, and speculation in a text	Compare/contrast the info from experiments to text of same topic	Read/comprehend science/technical texts independently/proficiently
Draw conclusions based on data/theory	X	X						X	X	X
Embedded background information		X		X	X					
Graphic organizers							X			
Graphing: reading and interpreting							X			
Illustrations/pictures/diagrams							X			
Independent reading/research	X	X	X	X	X	X		X	X	X
Internet reading/research	X	X			X			X	X	X
Key concepts/ideas		X							X	X
Multistep procedures			X							
Navigating Student Data Record (SDR)			X	X	X	X				
Reading directions/tasks			X	X		X				
Summarization/comprehension		X				X				X
Vocabulary/domain specific terminology				X						
Whole group reading										

LabLearner Writing Concept

	Common Core State Standard: Science and Technical Subjects								
	Write arguments focused on discipline-specific content	Write informative/explanatory texts including scientific procedures/processes	Produce clear/coherent writing;development/organization/style are appropriate	Develop/strengthen writing via writing/editing process	Use technology/Internet, to produce/publish writing and presentations	Conduct short research projects using several sources;promoting exploration	Gather accurate research;quote/paraphrase with proper citation	Draw evidence from informational texts to support analysis	Write routinely for discipline-specific tasks, purposes, and audiences
Apply standard English grammar/conventions	X	X	X	X	X	X	X	X	X
Defend hypothesis/observations with data	X		X	X		X	X	X	
Describe experimental results/observations			X					X	X
Develop clear/organized written conclusions	X	X	X						X
Draw/illustrate/graphic organizers					X				
Fluency in vocab/domain specific terms	X	X					X		X
Internet use for projects, assignments					X				
Produce clear/coherent written responses			X						
Research projects with reliable sources						X	X	X	
Take written notes							X		X
Write essays to summarize/explain/defend	X	X	X	X			X		X
Write for intended audience									X