

Appendix I

Standard Integration

In the *Key Ideas and Details* section, students will be required to use the internet, texts, and independent notes taken to support any claims they make through inference in their lab work. The lab work itself will be done stringently along the lines of a uniform lab sheet that follows the scientific method. Students will need to know scientific terminology that they have learned in class and apply it to their experiments and activities. Student reasoning is also important in Science and the logical steps leading up to a correct inference. Students will also attain these inferences by using the materials available to them from the teacher.

Key Ideas and Details

CCSS.ELA-Literacy.RST.6-8.1 Cite specific textual evidence to support analysis of science and technical texts.

CCSS.ELA-Literacy.RST.6-8.3 Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.

Craft and Structure

CCSS.ELA-Literacy.RST.6-8.4 Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to *grades 6–8 texts and topics*.

Integration of Knowledge and Ideas

CCSS.ELA-Literacy.RST.6-8.8 Distinguish among facts, reasoned judgment based on research findings, and speculation in a text.

CCSS.ELA-Literacy.RST.6-8.9 Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic.