**Common Core Standards for SCIENCE, Grades 6th - 8th**

Key Ideas and Details

* [CCSS.ELA-Literacy.RST.6-8.1](http://www.corestandards.org/ELA-Literacy/RST/6-8/1/) Cite specific textual evidence to support analysis of science and technical texts.
* [CCSS.ELA-Literacy.RST.6-8.2](http://www.corestandards.org/ELA-Literacy/RST/6-8/2/) Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.
* [CCSS.ELA-Literacy.RST.6-8.3](http://www.corestandards.org/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](http://www.corestandards.org/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*.
* [CCSS.ELA-Literacy.RST.6-8.5](http://www.corestandards.org/ELA-Literacy/RST/6-8/5/) Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to an understanding of the topic.
* [CCSS.ELA-Literacy.RST.6-8.6](http://www.corestandards.org/ELA-Literacy/RST/6-8/6/) Analyze the author’s purpose in providing an explanation, describing a procedure, or discussing an experiment in a text.

Integration of Knowledge and Ideas

* [CCSS.ELA-Literacy.RST.6-8.7](http://www.corestandards.org/ELA-Literacy/RST/6-8/7/) Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).
* [CCSS.ELA-Literacy.RST.6-8.8](http://www.corestandards.org/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](http://www.corestandards.org/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.

Range of Reading and Level of Text Complexity

* [CCSS.ELA-Literacy.RST.6-8.10](http://www.corestandards.org/ELA-Literacy/RST/6-8/10/) By the end of grade 8, read and comprehend science/technical texts in the grades 6–8 text complexity band independently and proficiently.