| Common Core | Middle School Must Haves |
| --- | --- |
| Science  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.6-8.2 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 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.  CCSS.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 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 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 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.  Range of Reading and Level of Text Complexity  CCSS.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. | Science  I will be able to:  Provide a hypothesis for each scientific question formulated.  Use the the scientific method procedure for carrying out experiments, taking measurements, and/or performing technical tasks.  Conclude using original hypothesis.  Read and interpret scientific statical information, graphs, charts,etc.  \*know the difference between fact and opinion  Understand the seriousness of our role in the world in terms of climate change, consumption, and conservation.  -with an emphasis on the water cycle, rainforests, and the ocean.  \*know where our water source comes from  -know and understand where our main energy sources come from.  Know and understand how the human body works which includes:  -body functions  -sexual education  \*parenting considerations  \*STDs-transmission, effects on body  \*pregnancy-pre, during, post education  -eating healthy vs. eating unhealthy and effects on the body  -drugs and effects on body |