**CCSS Literacy in Science: Example A**

**7th Grade Text Types and Purposes**

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| **ELA** | **Literacy in Science** |
| **Text Type and Purposes**  1.Write arguments to support claims with clear reasons and relevant evidence.  a. Introduce claim(s), acknowledge **and address** alternative or opposing claims, and organize the reasons and evidence logically.  b. Support claim(s) or **counterarguments** with logical reasoning and relevant evidence, using accurate, credible sources and demonstrating an understanding of the topic or text.  c. Use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), reasons, and evidence.  d. Establish and maintain a formal style.  e. Provide a concluding statement or section that follows from and supports he argument presented.  2. Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.  a. Introduce a topic **or thesis statement**; clearly previewing what is to follow; organize ideas, concepts, and information, using strategies such as definition, classification, comparison/contrast, and cause/effect; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension.  b. Develop the topic with relevant facts, definitions, concrete details, quotations, or other information and examples.  c. Use appropriate transitions to create cohesion and clarify the relationships among ideas and concepts.  d. Use precise language and domain specific vocabulary to inform about or explain the topic.  e. Establish and maintain a formal style.  f. Provide a concluding statement or section that follows from the information or explanation presented.  3. Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequence.  a. Engage and orient the reader by establishing a context and point of view and introducing a narrator and /or characters; organize an event sequence that unfolds naturally and logically.  b. Use narrative techniques, such as dialogue, pacing, and description, to develop experiences, events, and/or characters.  c. Use a variety of transition words, phrases, and clauses to convey sequence and signal shifts from one time frame or setting to another.  d. Use precise words and phrases, relevant descriptive details, and sensory language to capture the action and convey experiences and events.  e. Provide a conclusion that follows from the narrated experiences or events. | **Text Type and Purposes**  1.Write arguments focused on *discipline-specific content.*  a. Introduce claim(s) about a topic or issue, acknowledge and distinguish the claim(s) from alternative or opposing claims, and organize the reasons and evidence logically.  b. Support claim(s) with logical reasoning and relevant, accurate data and evidence, that demonstrate an understanding of the topic or text, using credible sources.  c. Use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence.  d. Establish and maintain a formal style.  e. Provide a concluding statement or section that follows from and supports the argument presented.  2. Write informative/explanatory texts including the narration of historical event, scientific procedures/experiments, or technical processes.  a. Introduce a topic clearly; previewing what is to follow; organize ideas, concepts, and information into broader categories as appropriate to achieving purpose; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension.  b. Develop the topic with relevant facts, well-chosen facts, concrete details, quotations, or other information and examples.  c. Use appropriate and varied transitions to create cohesion and clarify the relationships among ideas and concepts.  d. Use precise language and domain specific vocabulary to inform about or explain the topic.  e. Establish and maintain a formal style and objective tone.  f. Provide a concluding statement or section that follows from and supports the information or explanation presented.  3. (See note; not applicable as a separate requirement)  Note: Students’ narrative skills continue to grow in these grades. The Standards require that students be able to incorporate narrative elements effectively in arguments and informative/explanatory texts. In science and technical subjects, students must be able to write precise enough descriptions of the step-by-step procedures they use in investigations or technical work so that others can replicate them and (possibly) reach the same results. |

**CCSS Literacy in Science: Example B**

**5th Grade Text Types and Purposes**

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| **ELA** | **Literacy in Science** |
| **Text Type and Purposes**  1.Write opinion pieces on topics or texts, supporting a point of view with reasons and information.  a. Introduce a topic or text clearly, state an opinion, and create an organizational structure in which ideas are logically grouped to support the writer’s purpose.  b. Provide logically ordered reasons that are supported by facts and detail.  c. Link opinion and reasons using words, phrases, and clauses (e.g., consequently, specifically).  d. Provide a concluding statement or section related to the opinion presented.  2. Write informative/explanatory texts to examine a topic and convey ideas and information clearly.  a. Introduce a topic clearly, provide a general observation and focus, and group related information logically; include formatting (e.g., headings), and multimedia when useful to aiding comprehension.  b. Develop the topic with facts, definitions, concrete details, quotations, or other information and examples related to the topic.  c. Link ideas within and across categories of information using words, phrases, and clauses (e.g., in contrast, especially).  d. Use precise language and domain specific vocabulary to inform about or explain the topic.  e. Establish and maintain a formal style.  f. Provide a concluding statement or section related to the information or explanation presented.  3. Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequence.  a. Orient the reader by establishing a situation and introducing a narrator and /or characters; organize an event sequence that unfolds naturally.  b. Use narrative techniques, such as dialogue, pacing, and description, to develop experiences and events to show responses of characters to situations.  c. Use a variety of transitional words, phrases, and clauses to manage the sequence of events.  d. Use concrete words and phrases, and sensory details to convey experiences and events precisely.  e. Provide a conclusion that follows from the narrated experiences or events. |  |