

## COMMON CORE STATE STANDARDS LEARNING TARGETS

### Learning outcomes or CLAIMS for the CCSS ELA standards:

**TOTAL CLAIM** - Students can demonstrate college and career readiness in English language arts and literacy.

**Claim #1 – (Reading)** Students can read closely and analytically to comprehend a range of increasingly complex literary and informational texts.

**Claim #2 – (Writing)** Students can produce effective and well-grounded writing for a range of purposes and audiences.

**Claim #3 – (Speaking and Listening)** Students can employ effective speaking and listening skills for a range of purposes and audiences.

**Claim #4 – (Research/Inquiry)** Students can engage in research / inquiry to investigate topics, and to analyze, integrate, and present information.

### ELA and Literacy Cognitive Skills:

1. Analyze how and why individuals, events, and ideas develop and interact over the course of a text
2. Integrate and evaluate content presented in diverse formats and media, including visually and quantitatively, as well as in words
3. Read and comprehend complex literary and informational texts independently and proficiently
4. Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach
5. Use technology, including the Internet, to produce and publish writing and to interact and collaborate with others
6. Conduct short as well as more sustained research projects based on focused questions, demonstrating understanding of the subject under investigation

### Learning outcomes or CLAIMS for the CCSS Math standards

**Claim #1** - Students can explain and apply mathematical concepts and carry out mathematical procedures with precision and fluency.

**Claim #2** – Students can frame and solve a range of complex problems in pure and applied mathematics.

**Claim #3** – Students can clearly and precisely construct viable arguments to support their own reasoning and to critique the reasoning of others.

**Claim #4** – Students can analyze complex, real-world scenarios and can use mathematical models to interpret and solve problems.

### Standards for Mathematical Practice

1. Make sense of problems and persevere in solving them
2. Reason abstractly and quantitatively
3. Construct viable arguments and critique the reasoning of others
4. Model with mathematics
5. Use appropriate tools strategically
6. Attend to precision
7. Look for and make use of structure
8. Look for and express regularity in repeated reasoning

### Next Generation Science Standards

#### Scientific and Engineering Practices

1. Asking questions (for science) and defining problems (for engineering)
2. Developing and using models
3. Planning and carrying out investigations
4. Analyzing and interpreting data
5. Using mathematics and computational thinking
6. Constructing explanations (for science) and designing solutions (for engineering)
7. Engaging in argument from evidence
8. Obtaining, evaluating, and communicating information