

Characteristics of Career and College Ready Students Supporting Anchor Standards and Practices

CCSS ELA/Literacy Anchor Standards ¹	NRC Science and Engineering Practices	CCSS Mathematics Practices
Technology and Tools		
<ul style="list-style-type: none"> Integrate and evaluate content presented in diverse formats and media (R.7) Use digital media and visual displays of data to express information (SL.5); produce and publish writing, interact and collaborate with others (W.6); and gather relevant information from multiple sources. (W. 8) 	<ul style="list-style-type: none"> Use mathematics, information and computer technology, and computational thinking Develop and use models 	<ul style="list-style-type: none"> Use appropriate tools strategically Model with mathematics
Argument and Reasoning		
<ul style="list-style-type: none"> Evaluate argument and claims in a text (R. 8), speech (SL.3); or write arguments to support claims (W.1) Draw evidence from literary and informational texts to support analysis, reflection, and research (W. 9) Present information, findings, and supporting evidence (SL.4) 	<ul style="list-style-type: none"> Engage in argument from evidence Analyze and interpret data 	<ul style="list-style-type: none"> Construct viable arguments and critique the reasoning of others Reason abstractly and quantitatively
Communication and Collaboration		
<ul style="list-style-type: none"> Effectively converse and collaborate with diverse partners (SL.1) Use language to comprehend more fully when reading or listening (L.3) Produce clear and coherent writing (W.4) 	<ul style="list-style-type: none"> Obtain, evaluate, and communicate information 	<ul style="list-style-type: none"> Attend to precision
Problem Solving		
<ul style="list-style-type: none"> Integrate multiple sources of information in order to make informed decisions and solve problems (SL.2) Conduct research projects (W.7) 	<ul style="list-style-type: none"> Ask questions (science) and define problems (engineering) Plan and carry out investigations Construct explanations (science) and design solutions (engineering) 	<ul style="list-style-type: none"> Make sense of problems and persevere in solving them. Look for and make sense of structure. Look for and express regularity in repeated reasoning

¹ Anchor standards and practices have been condensed for the purposes of this chart. Complete text can be found in the [CCSS documents](#) and the [NRC Science Framework](#).