

A Correlation: JA Titan[®] and Common Core Standards in English Language Arts and Mathematics 2015

Session One—How Much? How Many?: Students explore how price and production can affect business performance.

Session Two—How Much? How Many? The Simulation: Students make decisions about price and production levels.

Session Three—Cutting Edge: Students design a marketing plan.

Session Four—Cutting Edge The Simulation: Students make decisions about price, production, and research and development.

Session Five—Make an Investment: Solicit capital investment.

Session Six—Make an Investment The Simulation: Students make decisions about capital investment, and charitable giving.

Session Seven—JA Titan of Industry The Competition: Students participate in the JA Titan of Industry challenge.

Common Core ELA Standards Grades 9-10

RI. Reading for Informational Text

RI.9-10.2 Determine a central idea of a text and analyze its development over the course of the text, including how it emerges and is shaped and refined by specific detail; provide an objective summary of the text.	X				X	X	X
RI.9-10.4 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone.	X	X			X	X	X
RI.9-10.8 Delineate and evaluate the argument and specific claims in a text, assessing whether the reasoning is valid and the evidence is relevant and sufficient; identify false statements and fallacious reasoning.	X					X	X

W. Writing

W.9-10.2 Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.			X		X	X	X
W.9-10.7 Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.			X		X	X	X
W.9-10.8 Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.						X	X

SL. Speaking and Listening

SL.9-10.1 Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9-10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.	X		X		X	X	X
SL.9-10.2 Integrate multiple sources of information presented in diverse media or formats (e.g., visually, quantitatively, orally), evaluating the credibility and accuracy of each source.	X		X		X	X	X
SL.9-10.3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, identifying any fallacious reasoning or exaggerated or distorted evidence.	X		X		X	X	X
SL.9-10.4 Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.	X		X		X	X	X
SL.9-10.6 Adapt speech to a variety of contexts and tasks, demonstrating command of formal English when indicated or appropriate.	X		X		X	X	X

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Common Core ELA Standards Grades 9-10

L. Language

L.9-10.1 Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.	X		X		X	X	X
L.9-10.2 Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.			X		X	X	X
L.9-10.4 Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9-10 reading and content, choosing flexibly from a range of strategies.	X		X		X	X	X
L.9-10.6 Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career-readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.	X		X		X	X	X

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Common Core ELA Standards Grades 11-12

RI. Reading for Informational Text

RI.11-12.2 Determine two or more central ideas of a text and analyze their development over the course of the text, including how they interact and build on one another to provide a complex analysis; provide an objective summary of the text.	X				X	X	
RI.11-12.4 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze how an author uses and refines the meaning of a key term or terms over the course of a text.	X				X	X	

W. Writing

W.11-12.2 Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.			X		X	X	
W.11-12.7 Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.			X		X	X	
W.11-12.8 Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and over-reliance on any one source and following a standard format for citation.			X			X	

SL. Speaking and Listening

SL.11-12.1 Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 11-12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.	X		X		X	X	
SL.11-12.2 Integrate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, orally) in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any discrepancies among the data.	X		X		X	X	

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Common Core ELA Standards Grades 11-12 cont.

SL.11-12.3 Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among ideas, word choice, points of emphasis, and tone used.	X		X		X	X	
SL.11-12.4 Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks.	X		X		X	X	
SL.11-12.6 Adapt speech to a variety of contexts and tasks, demonstrating a command of formal English when indicated or appropriate.	X		X		X	X	

L. Language

L.11-12.1 Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.	X		X		X	X	
L.11-12.2 Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.			X		X	X	
L.11-12.3 Apply knowledge of language to understand how language functions in different contexts, to make effective choices for meaning or style, and to comprehend more fully when reading or listening.	X		X		X		
L.11-12.4 Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 11-12 reading and content, choosing flexibly from a range of strategies.	X		X		X	X	
L.11-12.6 Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career-readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.	X	X	X	X	X	X	X

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Common Core Mathematical Standards High School

Mathematical Practices Grades 9-12

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

Statistics and Probability

S-IC Understand and evaluate random processes underlying statistical experiments		X		X		X	X
S-IC.1 Understand statistics as a process for making inferences about population parameters based on a random sample from that population.		X		X		X	X
S-IC.6 Evaluate reports based on data.		X	X	X		X	X

Italics denote recently added standards

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