

		Mobile Game Design / Common Core State Standards /Literacy in Science and Technical Subjects / grades 9 - 10							
		Module 1	Module 2	Module 3	Module 4	Module 5	Module 6	Module 7	Module 8
	<b>Science and Technical Subjects (RST)</b>	<b>Lessons</b>							
<b>Key Ideas and Details</b>	1.Cite specific textual evidence to support analysis of science and technical texts, attending to the precise details of explanation or descriptions	1	2, 3, 4, 5	6,7	8,9	10,11, 12	13, 14, 15	16, 17, 18	19
	2. Determine the central ideas or conclusions of a text; trace the text's explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text.	1	5,6	6,7	8,9	10,11, 12	13, 14, 15	16, 17, 18	
	3. Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text.	1	2, 3, 4, 5	7	8,9	10	13, 14	16, 17, 18	19
<b>Craft and Structure</b>	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 9 D 10 texts and topics.	1	2, 3, 4, 5	7	8,9	10,11	13, 14, 15	16, 17, 18	
	5. Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., force, friction, reaction force, energy)		2, 3, 4, 5		8,9	10,11	13, 14, 15	16, 17, 18	
	6. Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, defining the question the author seeks to address.	1	3,5	6,7	8,9	10,11	13, 14, 15	16, 17, 18	19
<b>Integration of Knowledge and Ideas</b>	7. Translate quantitative or technical information expressed in words in a text into visual form (e.g. a table or chart) and translate information expressed visually or mathematically (e.g. an equation) into words.	1	3,4,6	7	8,9	10	13, 14	16, 17, 18	
	8. Assess the extent to which the reasoning and evidence in a text support the author's claim or recommendation for solving a scientific or technical problem.		3,5	7	8,9	10,11, 12	13, 14, 15	16, 17, 18	
	9. Compare and contrast findings presented in a text to those from other sources (including their own experiments), noting when the findings support or contradict previous explanations or accounts	1			8,9	10,12	13, 14	16, 17, 18	19

Anchor Standards		Mobile Game Design / Common Core State Standards / Writing for History/ Social Studies, Science, and Technical Subjects grades 9 - 10								
		Module 1	Module 2	Module 3	Module 4	Module 5	Module 6	Module 7	Module 8	
		Lessons								
Text Types and Purposes	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.	2.a Introduce a topic; organize complex ideas, concepts, and information to make important connections and distinctions; include formatting (e.g. headings), graphics (e.g. figures, tables), and multimedia when useful to aiding comprehension	1	2,3,5	6,7	9	10,11,12	13,14,15	16,17,18	19
		2.b Develop the topic with well-chosen, relevant and sufficient facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.	1		7	9		13,15	16,17,18	19
		2.c Use appropriate and varied transitions to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.	1		7	9			18	
		2.d Use precise language and domain-specific vocabulary to manage the complexity of the topic.	1	5,6	6,7	9		13,14,15	18	
		2.e Establish and maintain a formal style and objective tone while attending to the norms and conventions of the discipline in which they are writing.			7	9		13,14,15	18	
		2.f Provide a concluding statement or section that follows from and supports the information or explanation presented (e.g. articulating implications or the significance of the topic).	1	2,3	6,7	9	11	13,14,15	16,18	19
Production and Distribution of Writing		9-10.WHST.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.	1	2,3,5	6,7	9	11		18	
		9-10.WHST.5 Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose			7			13,14,15	18	
		9-10.WHST.6 Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.	1	4,5	7	9	10,11,12		16,17,18	19

3D Modeling / Common Core State Standards - Mathematics/ Geometry							
Anchor Standards		Module 2	Module 3	Module 4	Module 5	Module 6	Module 7
Apply Geometric Concepts in Modeling Situations	<b>Modeling with Geometry (G-MG)</b>						
	G-MG.1. Use geometric shapes, their measures, and their properties to describe objects (e.g. modeling a tree trunk or a human torso as a cylinder)	3,4	7	8,9	10,12	14	16,17,18
	G-MG.2. Apply concepts of density based on area and volume in modeling situations (e.g. persons per square mile)	4	7	8,9	10,12	14	16,17,18
	G-MG.3. Apply geometric methods to solve design problems (e.g. designing an object or structure to satisfy physical constraints)	3,4	7	8,9	10,12	14	16,17,18

**Mobile Game Design / Common Core State Standards /Speaking and Listening grade 9-10**

<b>Presentation of Knowledge and Ideas</b>	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.	<b>Lessons 9, 10, 12, 13, 14, 16, 17, 18</b>
	5. Make strategic use of digital media (e.g. textual, graphical, audio, visual, and interactive elements) in presentation to enhance understanding of findings, reasoning, and evidence and to add interest.	
	6. Adapt speech to a variety of contexts and tasks, demonstrating command of formal English when indicated or appropriate.	