

Anchor Standards		GameMaker Programming / Common Core State Standards College and Career Readiness /Reading Literacy in Science and Technical Subjects grade 9 - 10 students																				
		Module 1	Module 2	Module 3	Module 4	Module 5	Module 6	Module 7	Module 8	Module 9	Module 10	Module 11	Module 12	Module 13	Module 14	Module 15	Module 16	Module 17	Module 18	Module 19	Module 20	Module 21
Science and Technical Subjects (RST)		Lessons																				
Key Ideas and Details	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, W1	6, 7, 8, 9, W2	10, 11, 13, 14, W3	15, 16	18, 19, 20, 21, 22, 23		W7	25, W9	27, 28, W10	29, 30	31, 32, W12	33, 34, 35, W13	36, W14	37, 38, 39, W15	W16	41, 42, W18	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
	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.	2, 3, 4, 5	6, 7, 8, 9	10, 11, 13, 14, W3	15, 16	18, 19, 20, 21, 22, 23	24	W7	25	27, 28, W10	29, 30	31, 32	33, 34, 35	36	37, 38, 39	W16, 40, W17	41, 42, W18	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
	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.	2, 3, 4, 5, W1	6, 7, 8, 9	11, 13, 14, W3	15, 16	18, 19, 20, 21, 22, 23			25, W9	27, 28, W10	29, 30, W11	31, 32, W12	33, 34, 35, W13	36, W14	37, 38, 39, W15	W16, 40, W17	41, 42, W18	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
Craft and Structure	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 - 10 texts and topics.	1, 2, 3, 4, 5, W1	6, 7, 8, 9, W2	10, 11, 12, 13, 14, W3	15, 16	18, 19, 20, 21, 22, 23	24	W7	25	27, 28, W10	29, 30, W11	31, 32, W12	33, 34, 35, W13	36, W14	37, 38, 39, W15	W16, 40, W17	41, 42, W18	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
	5. Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., force, friction, reaction force, energy)	1, 2, 3, 4, 5	6, 7, 8, 9, W2	10, 11, 12, 13, 14, W3	15, 16	18, 19, 20, 21, 22, 23	24	W7	25	27, 28, W10	29, 30, W11	31, 32, W12	33, 34, 35, W13	36	37, 38, 39	W16, 40, W17	41, 42, W18	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
	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.	2, 3, 4, 5, W1	6, 7, 8, 9	10, 11, 12, 13, 14, W3	15, 16	18, 19, 20, 21, 22, 23	24	W7	25, W9	27, 28, W10	29, 30, W11	31, 32	33, 34, 35	36, W14	37, 38, 39, W15	W16, 40, W17	41, 42, W18	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
Integration of Knowledge and Ideas	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.	2, 3, 4, 5, W1	6, 7, 8, 9, W2	11, 12, 13, 14, W3	15, 16	18, 19, 20, 21, 22, 23			25	27, 28, W10	29, 30, W11	31, 32, W12	33, 34, 35, W13	36, W14	37, 38, 39, W15	W16, 40, W17	41, 42, W18	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
	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.	2, 3, 4, 5, W1	6, 7, 8, 9	11, 12, 13, 14, W3	15, 16	18, 19, 20, 21, 22, 23			25	27, 28, W10	29, 30, W11	31, 32, W12	33, 34, 35, W13	36, W14	37, 38, 39, W15	W16, 40, W17	41, 42, W18	43, 44, 45	46, 47, W19	W20, W21, W22		51, W23, W24

Anchor Standards		GameMaker Programming / Common Core State Standards College and Career Readiness / Writing for History/ Social Studies, Science, and Technical Subjects grades 9 - 10								
		Module 1	Module 2	Module 3	Module 5	Module 7	Module 10	Module 11	Module 15	
		Lessons								
Text Types and Purposes	1 Write arguments focused on discipline-specific content.	1.a Introduce precise claims(s) distinguish the claims(s) from alternate or opposing claims, and create an organization that establishes clear relationships among the claim(s), counterclaims, reasons, and evidence.	4, 5	6	10, 14	23	W7, W8	W11	32	W17
		1.b Develop claim(s) and counterclaims fairly, supplying data and evidence for each while pointing out the strengths and limitation of both claim(s) and counterclaims in a discipline-appropriate form and in a manner that anticipates the audience's knowledge level and concerns.			14		W7, W8	W11		
		1.c Use words, phrases, and clauses to link the major sections of the text, create cohesion, and clarify the relationships between claim(s) and reasons, between reasons and evidence, and between claim(s) and counterclaims.	4, 5	6	10, 14	23	W7, W8	W11	32	W17
		1.d Establish and maintain a formal style and objective tone while attending to the norms and conventions of the discipline in which they are writing.			14			W11		
		1.e Provide a concluding statement or section that follows from or supports the argument presented.	4, 5	6	10, 14	23	W7, W8	W11	32	W17

Anchor Standard		GameMaker Programming / Common Core State Standards College and Career Readiness / Mathematical Practices- Mathematics Standards - grade 9 - 10 students																				
		Module 1	Module 2	Module 3	Module 4	Module 5	Module 6	Module 7	Module 8	Module 9	Module 10	Module 11	Module 12	Module 13	Module 14	Module 15	Module 16	Module 17	Module 18	Module 19	Module 20	Module 21
		Lessons																				
Standards for Mathematical Practice	MP1 Make sense of problems and persevere in solving them.	3, 5, W1	6, 7, 8, 9, W2	12, 14, W3	15, 16, 17	18, 19, 20, 21, 22, 23	24, W4, W5, W6	W7, W8	25, 26, W9	27, 28, W10	29, 30, W11	31, 32, W12	33, 34, 35, W13	36, W14	37, 38, 39, W15	W16, 40, W17	41, 42, W18	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
	MP2 Reason abstractly and quantitatively.	4, 5, W1	6, 7, 8, 9	12, W3	15, 16	18, 19, 20, 21, 22, 23	W4, W5, W6	W8	25, 26	27, 28	29, 30	31, 32	33, 34, 35	36	37, 38, 39	W16, 40	41, 42	43, 44, 45	46, 47	W20, W21, W22	48, 49, 50	51, W23, W24
	MP4 Model with mathematics.		7, 8, 9, W2	10, 11, 12, 13, 14, W3	15, 16	18, 19, 20, 22, 23	W4, W5, W6	W8	25, 26	27, 28	29, 30	31, 32	33, 34, 35	36	37, 38, 39	W16, 40	41, 42	43, 44, 45	46, 47	W20, W21, W22	48, 49, 50	51, W23, W24
	MP7 Look for and make use of structure.	3, 5, W1	6, 7, 8, 9, W2	12, 13, 14, W3	15, 16, 17	18, 19, 20, 21, 22, 23	24, W4, W5, W6	W8	25, 26	27, 28	29, 30	31, 32	33, 34, 35	36	37, 38, 39	W16, 40, W17	41, 42, W18	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
	MP8 Look for and express regularity in repeated reasoning.	4, 5	6, 7, 8, 9	12, 14, W3	15, 16, 17	18, 19, 20, 22, 23	24, W4, W5, W6	W8	25, 26	27, 28	29, 30	31, 32	33, 34, 35	36	37, 38, 39	W16, 40, W17	41, 42, W18	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
Math Standards	HSS-MD.B.6 Use probabilities to make fair decisions (e.g., drawing by lots, using a random number generator).					18																
	HSA-SSE.A.2 Interpret expressions that represent a quantity in terms of its context.	5, W1	6, 7, 8, 9	11, 12, W3	15, 16, 17	18, 19, 20, 21, 22, 23	W4, W5, W6		25, 26	27, 28	29, 30	31, 32	33, 34, 35	36	37, 38, 39	40	41, 42	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
	HSA-CED.A.1 Create equations and inequalities in one variable and use them to solve problems.	5, W1	6, 7, 8	11, 12, 13, 14	16	20, 23			25, 26	27, 28	29, 30	31, 32	33, 34, 35	36	37, 38, 39	W16, 40	41, 42	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
	HSA-CED.A.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.	5	6, 7, 8, 9, W2	12, W3	15	18	W4, W5, W6				29, 30	31, 32	33, 34, 35	36	37, 38, 39		41, 42	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
	HSA-CED.A.3 Represent constraints by equations or inequalities, and by systems of equations and/or inequalities, and interpret solutions as viable or nonviable options in a modeling context.	5	6, 7, 8, 9	12, 14, W3	16	18, 23	W4, W5, W6		25, 26	27, 28	29, 30	31, 32	33, 34, 35	36	37, 38, 39	40	41, 42	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
	HSA-CED.A.4 Rearrange formulas to highlight a quantity of interest, using the same reasoning as in solving equations.	5, W1	6, 7, W2	12, 14	15, 16, 17	18, 19, 20, 23	W4, W5, W6		25, 26	27, 28	29, 30	31, 32	33, 34, 35	36, W14	37, 38, 39, W15	W16, 40, W17	41, 42, W18	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
	HSF-IF.A.2 Use function notation, evaluate functions for inputs in their domains, and interpret statements that use function notation in terms of a context.	5	6, 8, 9, W2	12, 14, W3	15, 16, 17	18, 19, 20, 23	W4, W5, W6		25, 26	27, 28	29, 30	31, 32	33, 34, 35	36	37, 38, 39	W16, 40	41, 42	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
	HSF-BF.A.1 Write a function that describes a relationship between two quantities.	5, W1	6, 8, 9	12, 13, 14, W3	15, 16	18, 23	W4, W5, W6		25, 26	27, 28	29, 30	31, 32	33, 34, 35	36	37, 38, 39	40	41, 42	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
	HSF-BF.A.1b Combine standard function types using arithmetic operations.	5	6, 7, 8, 9, W2	W3	15, 16	18, 23	W4, W5, W6		25, 26	27, 28	29, 30	31, 32	33, 34, 35	36	37, 38, 39		41, 42	43, 44, 45	46, 47, W19	W20, W21, W22	48, 49, 50	51, W23, W24
HSS-IC.A.2 Decide if a specified model is consistent with results from a given data-generating process, e.g., using simulation.		7, 9				W4, W5, W6	W7, W8	W9	W10	W11	W12	W13	W14	W15	W16, W17	W18		W19	W20, W21, W22		W23, W24	