

## 21st Century Skills: Game Production and Marketing

		Module 1	Module 2	Module 3	Module 4	Module 5	Module 6	Module 7	Module 8	Module 9
1 Creativity and Innovation	1.A Think Creatively	1.A.1 Use a wide range of idea creation techniques (such as brainstorming)	x		x	x	x	x	x	x
		1.A.2 Create new and worthwhile ideas (both incremental and radical concepts)	x		x	x	x	x	x	x
		1.A.3 Elaborate, refine, analyze, and evaluate their own ideas in order to improve and maximize creative efforts	x		x	x	x	x	x	x
	1.B Work Creatively with Others	1.B.1 Develop, implement, and communicate new ideas to others effectively.	x	x	x	x	x	x	x	x
		1.B.2 Be open and responsive to new and diverse perspectives		x	x	x	x	x	x	x
		1.B.3 Incorporate group input and feedback into the work			x	x	x	x	x	x
1.B.4 Demonstrate originality and inventiveness in work and understand the real world limits to adopting new ideas		x		x	x	x	x	x	x	
1.B.5 Understand that creativity and innovation are long-term, cyclical processes of small success and frequent challenges					x		x	x	x	
1.C Implement Innovations	1.C.1 Act on creative ideas to make a tangible and useful contribution to the field in which the innovation will occur				x			x	x	
2 Critical Thinking and Problem Solving	2.A Reason Effectively	2.A.1 Use various types of reasoning (inductive, deductive, etc.) as appropriate to the situation.	x	x	x	x	x	x	x	x
	2.B Use Systems Thinking	2.B.1 Analyze how parts of a whole interact with each other to produce overall outcomes in complex systems	x	x	x	x	x	x	x	x
	2.C Make Judgments and Decisions	2.C.1 Effectively analyze and evaluate evidence, arguments, claims, and beliefs	x	x	x	x	x	x	x	x
		2.C.2 Analyze and evaluate major alternative points of view		x	x	x	x	x	x	x
		2.C.3 Synthesize and make connections between information and arguments	x	x	x	x	x	x	x	x
		2.C.4 Interpret information and draw conclusions based on the best analysis	x	x	x	x	x	x	x	x
		2.C.5 Reflect critically on learning experiences and processes		x	x	x	x	x	x	x
		2.D.1 Solve different kinds of non-familiar problems in both conventional and innovative ways				x	x	x	x	x
		2.D.2 Identify and ask significant questions that clarify various points of view and lead to better solutions			x	x	x	x	x	x

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3	Communication and Collaboration	<b>3.A Communicate Clearly</b>	<b>3.A.1</b> Articulate thoughts and ideas effectively using oral, written, and nonverbal communication skills in a variety of forms and contexts	x	x	x	x	x	x	x	x	x	
			<b>3.A.2</b> Listen effectively to decipher meaning, including knowledge, values, attitudes, and intentions	x	x	x	x	x	x	x	x	x	x
			<b>3.A.3</b> Use communication for a range of purposes (e.g. to inform, instruct, motivate, and persuade)	x	x	x	x	x	x	x	x	x	x
			<b>3.A.4</b> Utilize multiple media and technologies, understanding their impact	x		x	x					x	x
			<b>3.A.5</b> Communicate effectively in diverse environments (including multi-lingual)				x					x	x
	<b>3.B Collaborate with Others</b>	<b>3.B.1</b> Demonstrate ability to work effectively and respectfully with diverse teams		x		x		x	x	x	x	x	
<b>3.B.2</b> Exercise flexibility and willingness to be helpful in making necessary compromises to accomplish a common goal			x	x	x	x	x	x	x	x	x		
<b>3.B.3</b> Assume shared responsibility for collaborative work, and value the individual contributions made by each team member			x	x	x	x	x	x	x	x	x		
4	<b>4.A Access and Evaluate Information</b>	<b>4.A.1</b> Access information efficiently (time) and effectively (sources)	x	x	x	x	x	x		x	x		
		<b>4.A.2</b> Evaluate information critically and competently	x	x	x	x	x	x	x	x	x		
	<b>4.B Use and Manage Information</b>	<b>4.B.1</b> Use information accurately and creatively for the issue or problem at hand	x		x	x	x	x	x	x	x		
		<b>4.B.2</b> Manage the flow of information from a wide variety of sources			x	x	x	x			x	x	
		<b>4.B.3</b> Apply a fundamental understanding of the ethical/legal issue surrounding the access and use of information	x		x	x	x	x		x	x		
5	<b>5.A Analyze Media</b>	<b>5.A.1</b> Understand both how and why media messages are constructed, and for what purposes	x	x	x	x	x	x	x	x	x		
		<b>5.A.2</b> Examine how individuals interpret messages differently, how values and points of view are included or excluded, and how media can influence beliefs and behaviors	x			x	x	x	x	x	x		
		<b>5.A.3</b> Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of media	x			x					x	x	
	<b>5.B Create Media Products</b>	<b>5.B.1</b> Understand and utilize the most appropriate media creation tools, characteristics, and conventions	x		x	x	x	x	x	x	x		
		<b>5.B.2</b> Understand and effectively utilize the most appropriate expressions and interpretations in diverse, multi-cultural environments				x				x	x	x	

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6 ITC Literacy (Information, Communications, and Technology)	<b>6.A Apply Technology Effectively</b>	<b>6.A.1</b> Use technology as a tool to research, organize, evaluate, and communicate information	x	x	x	x	x	x	x	x	
		<b>6.A.2</b> Use digital technologies (computers, PDAs, media players, GPS, etc.), communication/networking tools, and social networks appropriately to access, manage, integrate, evaluate, and create information to successfully function in a knowledge economy	x		x	x	x	x	x	x	x
		<b>6.A.3</b> Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of information technologies	x		x	x	x	x	x	x	x
7 Flexibility and Adaptability	<b>7.A Adapt to Change</b>	<b>7.A.1</b> Adapt to varied roles, jobs responsibilities, schedules, and contexts	x	x	x	x	x	x	x	x	
		<b>7.A.2</b> Work effectively in a climate of ambiguity and changing priorities			x	x	x	x	x	x	x
	<b>7.B Be Flexible</b>	<b>7.B.1</b> Incorporate feedback effectively			x	x	x	x	x	x	x
		<b>7.B.2</b> Deal positively with praise, setbacks, and criticism			x	x	x	x	x	x	x
		<b>7.B.3</b> Understand, negotiate, and balance diverse views and beliefs to reach workable solutions, particularly in multi-cultural environments				x	x	x	x	x	x
8 Initiative and Self-Direction	<b>8.A Manage Goals and Time</b>	<b>8.A.1</b> Set goals with tangible and intangible success criteria	x	x	x	x	x	x	x	x	
		<b>8.A.2</b> Balance tactical (short-term) and strategic (long-term) goals		x	x	x	x	x	x	x	x
		<b>8.A.3</b> Utilize time and manage workload efficiently	x	x	x	x	x	x	x	x	x
	<b>8.B Work Independently</b>	<b>8.B.1</b> Monitor, define, prioritize, and complete tasks without direct oversight	x	x	x	x	x	x	x	x	x
		<b>8.C Be Self-directed Learners</b>	<b>8.C.1</b> Go beyond basic mastery of skills and/or curriculum to explore and expand one's own learning and opportunities to gain expertise			x	x	x	x	x	x
	<b>8.C.2</b> Demonstrate initiative to advance skill levels towards a professional level					x		x	x	x	x
	<b>8.C.3</b> Demonstrate commitment to learning as a lifelong process								x	x	x
	<b>8.C.4</b> Reflect critically on past experiences in order to inform future progress					x	x	x	x	x	x

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<b>9 Social and Cross-Cultural Skills</b>	<b>9.A Interact Effectively with Others</b>	9.A.1 Know when it is appropriate to listen and when to speak		x	x	x	x	x	x	x	x
		9.A.2 Conduct themselves in a respectable, professional manner		x	x	x	x	x	x	x	x
	<b>9.B Work Effectively in Diverse Teams</b>	9.B.1 Respect cultural differences and work effectively with people from a range of social and cultural backgrounds		x	x	x	x	x	x	x	x
		9.B.2 Respond open-mindedly to different ideas and values	x	x	x	x	x	x	x	x	x
		9.B.3 Leverage social and cultural differences to create new ideas and increase both innovation and quality of work			x	x		x	x	x	x
<b>10 Productivity and Accountability</b>	<b>10.A Manage Projects</b>	10.A.1 Set and meet goals, even in the face of obstacles and competing pressures	x	x	x	x	x	x	x	x	x
		10.A.2 Prioritize, plan, and manage work to achieve the intended result	x	x	x	x	x	x	x	x	x
	<b>10.B Produce Results</b>	10.B.1 Demonstrate additional attributes associated with producing high quality products including the <i>ability to work positively and ethically</i>	x	x	x	x	x	x	x	x	x
		10.B.2 Demonstrate additional attributes associated with producing high quality products including the <i>ability to manage time and projects effectively</i>	x	x	x	x	x	x	x	x	x
		10.B.3 Demonstrate additional attributes associated with producing high quality products including the <i>ability to multi-task</i>	x	x	x	x	x	x	x	x	x
		10.B.4 Demonstrate additional attributes associated with producing high quality products including the <i>ability to participate actively, as well as be reliable and punctual</i>	x	x	x	x	x	x	x	x	x
		10.B.5 Demonstrate additional attributes associated with producing high quality products including the <i>ability to present oneself professional and with proper etiquette</i>		x	x	x	x	x	x	x	x
		10.B.6 Demonstrate additional attributes associated with producing high quality products including the <i>ability to collaborate and cooperate effectively with teams</i>		x	x	x	x	x	x	x	x
		10.B.7 Demonstrate additional attributes associated with producing high quality products including the <i>ability to respect and appreciate team diversity</i>		x	x	x	x	x	x	x	x
		10.B.8 Demonstrate additional attributes associated with producing high quality products including the <i>ability to be accountable for results</i>		x				x	x	x	x

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<b>11 Leadership and Responsibility</b>	<b>11.A Guide and Lead Others</b>	<b>11.A.1</b> Use interpersonal and problem-solving skills to influence and guide others toward a goal		x	x	x	x	x	x	x	x
		<b>11.A.2</b> Inspire others to reach their very best via example and selflessness			x	x	x	x	x	x	x
		<b>11.A.3</b> Demonstrate integrity and ethical behavior in using influence and power			x	x	x	x	x	x	x
	<b>11.B Be Responsible to Others</b>	<b>11.B.1</b> Act responsibly with the interest of the larger community in mind		x	x	x	x	x	x	x	x