

## 21st Century Skills: Evolution of Games

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



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<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	
	<b>3.A.2</b> Listen effectively to decipher meaning, including knowledge, values, attitudes, and	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
	<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 multiAlingual)						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	
	<b>3.B.2</b> Exercise flexibility and willingness to be helpful in making necessary compromises to	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				

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4 Information Literacy	4.A Access and Evaluate Information	4.A.1 Access information efficiently (time) and effectively (sources)		x	x	x	x	x		x					
		4.A.2 Evaluate information critically and competently		x	x	x	x							x	
	4.B Use and Manage Information	4.B.1 Use information accurately and creatively for the issue or problem at hand		x	x	x	x			x		x		x	
		4.B.2 Manage the flow of information from a wide variety of sources	x		x	x	x	x	x						
	4.B.3 Apply a fundamental understanding of the ethical/legal issue surrounding the access and use of information			x				x	x						
5 Media Literacy	5.A Analyze Media	5.A.1 Understand both how and why media messages are constructed, and for what purposes						x	x	x	x				
		5.A.2 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			
		5.A.3 Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of media							x	x					
	5.B Create Media Products	5.B.1 Understand and utilize the most appropriate media creation tools, characteristics, and conventions	x	x	x				x	x	x	x	x		
5.B.2 Understand and effectively utilize the most appropriate expressions and interpretations in diverse, multi-cultural environments				x	x			x	x						
6 ITC Literacy (Information, Communications, and	6.A Apply Technology Effectively	6.A.1 Use technology as a tool to research, organize, evaluate, and communicate information		x	x	x	x	x							
		6.A.2 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		
		6.A.3 Apply a fundamental understanding of the ethical/legal issues surrounding the access and use of information technologies						x	x						

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<b>7 Flexibility and Adaptability</b>	<b>7.A Adapt to Change</b>	7.A.1 Adapt to varied roles, jobs responsibilities, schedules, and contexts						x		x					
		7.A.2 Work effectively in a climate of ambiguity and changing priorities			x	x									
	<b>7.B Be Flexible</b>	7.B.1 Incorporate feedback effectively		x	x				x	x	x			x	
		7.B.2 Deal positively with praise, setbacks, and criticism							x		x			x	
	7.B.3 Understand, negotiate, and balance diverse views and beliefs to reach workable solutions, particularly in multi cultural environments							x		x					
<b>8 Initiative and Self-Direction</b>	<b>8.A Manage Goals and Time</b>	8.A.1 Set goals with tangible and intangible success criteria			x	x	x	x			x		x		x
		8.A.2 Balance tactical (short term) and strategic (long term) goals		x				x						x	
		8.A.3 Utilize time and manage workload efficiently	x	x	x	x	x				x	x	x		
	<b>8.B Work Independently</b>	8.B.1 Monitor, define, prioritize, and complete tasks without direct oversight	x	x	x	x	x					x			
	<b>8.C Be Self-directed Learners</b>	8.C.1 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				x	x
8.C.2 Demonstrate initiative to advance skill levels towards a professional level							x								x
8.C.3 Demonstrate commitment to learning as a lifelong process									x	x	x				
	8.C.4 Reflect critically on past experiences in order to inform future progress				x					x			x	x	
<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
		9.A.2 Conduct themselves in a respectable, professional manner								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
		9.B.2 Respond open mindedly to different ideas and values		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												

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10 Productivity and Accountability	<b>10.A Manage Projects</b>	<b>10.A.1</b> Set and meet goals, even in the face of obstacles and competing pressures		x	x	x	x		x	x	x	x	x		
		<b>10.A.2</b> 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>	<b>10.B.1</b> 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		
		<b>10.B.2</b> 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	
		<b>10.B.3</b> Demonstrate additional attributes associated with producing high quality products including the <i>ability to multi-task</i>									x				
		<b>10.B.4</b> 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				
		<b>10.B.5</b> 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		
		<b>10.B.6</b> 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			
		<b>10.B.7</b> 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		
		<b>10.B.8</b> Demonstrate additional attributes associated with producing high quality products including the <i>ability to be accountable for results</i>		x	x		x		x		x	x			
11 Leadership and Responsibility	<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			
		<b>11.A.2</b> Inspire others to reach their very best via example and selflessness							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 Act responsibly with the interest of the larger community in mind</b>							x	x	x	x			