# Technology & Career Readiness & 21st Century Skills Standards Curriculum Appendix

## 2014 New Jersey Core Curriculum Content Standards – Technology

Content	Area	Technology				
Standard		8.1 Educational Technology: All students will use digital tools to access,				
		manage, evaluate, and synthesize information in order to solve problems				
I		individually and	ividually and collaborate and to create and communicate knowledge.			
Strand		A. Technology Operations and Concepts: Students demonstrate a sound				
		understanding of	technology co	ncepts, systems and operations.		
Grade	Content S	Statement	Indicator	Indicator		
Level	Students	will:				
bands						
P	Understan		8.1.P.A.1	Use an input device to select an item and		
	technology	y systems.		navigate the screen		
			8.1.P.A.2	Navigate the basic functions of a browser.		
		l use applications	8.1.P.A.3	Use digital devices to create stories with		
	effectively	and productively.		pictures, numbers, letters and words.		
			8.1.P.A.4	Use basic technology terms in the proper		
				context in conversation with peers and		
				teachers (e.g., camera, tablet, Internet, mouse,		
			0 1 D A 5	keyboard, and printer).		
			8.1.P.A.5	Demonstrate the ability to access and use resources on a computing device.		
				resources on a computing device.		
K-2	Understan	nd and use	8.1.2.A.1	Identify the basic features of a digital device		
K-2		y systems.	0.1.2.A.1	and explain its purpose.		
		l use applications	8.1.2.A.2	Create a document using a word processing		
		and productively.	0.1.2.71.2	application.		
		, p	8.1.2.A.3	Compare the common uses of at least two		
				different digital applications and identify the		
				advantages and disadvantages of using each.		
			8.1.2.A.4	Demonstrate developmentally appropriate		
				navigation skills in virtual environments (i.e.		
				games, museums).		
			8.1.2.A.5	Enter information into a spreadsheet and sort		
				the information.		
			8.1.2.A.6	Identify the structure and components of a		
				database.		
			8.1.2.A.7	Enter information into a database or		
	** *		0.1.7.1	spreadsheet and filter the information.		
3-5	Understan		8.1.5.A.1	Select and use the appropriate digital tools		
	technology	y systems.		and resources to accomplish a variety of tasks		
	Calast s		01542	including solving problems.		
		l use applications	8.1.5.A.2	Format a document using a word processing		
	effectively	and productively.		application to enhance text and include		
			015 4 2	graphics, symbols and/ or pictures.		
			8.1.5.A.3	Use a graphic organizer to organize		
			Q 1 5 A A	information about problem or issue.		
			8.1.5.A.4	Graph data using a spreadsheet, analyze and		

				produce a report that explains the analysis of the data.
			8.1.5.A.5	Create and use a database to answer basic questions.
			8.1.5.A.6	Export data from a database into a spreadsheet; analyze and produce a report that explains the analysis of the data.
6-8	Understant technology	nd and use y systems.	8.1.8.A.1	Demonstrate knowledge of a real world problem using digital tools.
		luse applications and productively.	8.1.8.A.2	Create a document (e.g. newsletter, reports, personalized learning plan, business letters or flyers) using one or more digital applications to be critiqued by professionals for usability.
			8.1.8.A.3	Use and/or develop a simulation that provides an environment to solve a real world problem or theory.
			8.1.8.A.4	Graph and calculate data within a spreadsheet and present a summary of the results
			8.1.8.A.5	Create a database query, sort and create a report and describe the process, and explain the report results.
Content	Area	Technology		<u> </u>
Standard	I	manage, evaluate	e, and synthes	All students will use digital tools to access, size information in order to solve problems and to create and communicate knowledge.
Strand				Students demonstrate creative thinking, p innovative products and process using
Grade Level bands	Content S Students v		Indicator	Indicator
Р	Apply exist generate r	sting knowledge to new ideas,	8.1.P.B.1	Create a story about a picture taken by the student on a digital camera or mobile device.
K-2	products,	or processes. ginal works as a	8.1.2.B.1	Illustrate and communicate original ideas and stories using multiple digital tools and resources.
3-5		personal or group	8.1.5.B.1	Collaborative to produce a digital story about a significant local event or issue based on first-person interviews.
6-8			8.1.8.B.1	Synthesize and publish information about a local or global issue or event (ex. telecollaborative project, blog, school web).
9-12			8.1.12.B.2	Apply previous content knowledge by creating and piloting a digital learning game or tutorial.
Content	Area	Technology	<u> </u>	
Standard		8.1 Educational T	•	All students will use digital tools to access,
				size information in order to solve problems
			nd to create and communicate knowledge.	
Strand C. Communicati			on and Collab	oration: Students use digital media and

		environments to co	ommunicate a	nd work collaboratively, including at a distance,
				nd contribute to the learning of others.
Grade	Content S	Statement	Indicator	Indicator
Level	001100110	30000 1110110		
bands				
P	Interact, c	ollaborate, and	8.1.P.C.1	Collaborate with peers by participating in
		ith peers, experts,		interactive digital games or activities.
K-2	or others b	by employing a	8.1.2.C.1	Engage in a variety of developmentally
	variety of	digital		appropriate learning activities with students in
	environme	ents and media.		other classes, schools, or countries using
				various media formats such as online
		cate information		collaborative tools, and social media.
3-5	and ideas	-	8.1.5.C.1	Engage in online discussions with learners of
		using a variety of		other cultures to investigate a worldwide issue
	media and	l formats.		from multiple perspectives and sources,
				evaluate findings and present possible
	Develop c			solutions, using digital tools and online
		ding and global		resources for all steps.
		s by engaging with fother cultures.	0.1.0.0.1	
6-8	learners of	other cultures.	8.1.8.C.1	Collaborate to develop and publish work that
	Contributo	e to project teams		provides perspectives on a global problem for discussions with learners from other
		e original works or		countries.
	solve prob			countries.
Content	_			
Standard		Technology	To obnology:	All students will use digital tools to access,
		ecimology: A	An students will use digital tools to access.	
		manage, evaluate	e, and synthe	size information in order to solve problems
Strand		manage, evaluate individually and o	e, and synthe: collaborate a	size information in order to solve problems nd to create and communicate knowledge.
Strand		manage, evaluate individually and o D. Digital Citizen	e, and synthes collaborate a ship: Student	size information in order to solve problems
Strand		manage, evaluate individually and o D. Digital Citizen	e, and synthes collaborate a ship: Student	size information in order to solve problems and to create and communicate knowledge.  Is understand human, cultural, and societal
Strand Grade	Content	manage, evaluate individually and o D. Digital Citizen	e, and synthes collaborate a ship: Student	size information in order to solve problems and to create and communicate knowledge.  Is understand human, cultural, and societal
	Content	manage, evaluate individually and on D. Digital Citizen issues related to te	e, and synthes collaborate a ship: Student echnology and	size information in order to solve problems and to create and communicate knowledge.  Its understand human, cultural, and societal all practice legal and ethical behavior.
Grade Level bands		manage, evaluate individually and of D. Digital Citizen issues related to te	e, and synthes collaborate a ship: Student echnology and Indicator	size information in order to solve problems and to create and communicate knowledge. Its understand human, cultural, and societal all practice legal and ethical behavior.  Indicator
Grade Level	Advocate	manage, evaluate individually and on D. Digital Citizen issues related to testatement  Statement  and practice safe,	e, and synthes collaborate a ship: Student echnology and Indicator	size information in order to solve problems and to create and communicate knowledge.  Is understand human, cultural, and societal alpractice legal and ethical behavior.  Indicator  Develop an understanding of ownership of
Grade Level bands	Advocate legal, and	manage, evaluate individually and of D. Digital Citizen issues related to testatement  Statement  and practice safe, responsible use of	e, and synthes collaborate a ship: Student echnology and Indicator	size information in order to solve problems and to create and communicate knowledge. Its understand human, cultural, and societal all practice legal and ethical behavior.  Indicator
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Grade Level bands	Advocate legal, and informatio Advocate	manage, evaluate individually and of D. Digital Citizen issues related to te statement  and practice safe, responsible use of an and technology. and practice safe,	e, and synthes collaborate a ship: Student echnology and Indicator	size information in order to solve problems and to create and communicate knowledge.  Is understand human, cultural, and societal alpractice legal and ethical behavior.  Indicator  Develop an understanding of ownership of print and nonprint information.  Understand the need for and use of
Grade Level bands K-2	Advocate legal, and informatio Advocate legal, and	manage, evaluate individually and of D. Digital Citizen issues related to te statement  and practice safe, responsible use of an and technology. and practice safe, responsible use of the saf	e, and synthese collaborate a ship: Student echnology and Indicator  8.1.2.D.1	size information in order to solve problems and to create and communicate knowledge.  Is understand human, cultural, and societal alpractice legal and ethical behavior.  Indicator  Develop an understanding of ownership of print and nonprint information.  Understand the need for and use of copyrights.
Grade Level bands K-2	Advocate legal, and informatio Advocate legal, and	manage, evaluate individually and of D. Digital Citizen issues related to te statement  and practice safe, responsible use of an and technology. and practice safe,	e, and synthese collaborate a ship: Student echnology and Indicator	size information in order to solve problems and to create and communicate knowledge.  Is understand human, cultural, and societal dipractice legal and ethical behavior.  Indicator  Develop an understanding of ownership of print and nonprint information.  Understand the need for and use of copyrights.  Analyze the resource citations in online
Grade Level bands K-2	Advocate legal, and informatio Advocate legal, and informatio	manage, evaluate individually and of D. Digital Citizen issues related to te statement  and practice safe, responsible use of an and technology. and practice safe, responsible use of an and technology.	e, and synthese collaborate a ship: Student echnology and Indicator  8.1.2.D.1  8.1.5.D.1	size information in order to solve problems and to create and communicate knowledge.  Is understand human, cultural, and societal alpractice legal and ethical behavior.  Indicator  Develop an understanding of ownership of print and nonprint information.  Understand the need for and use of copyrights.  Analyze the resource citations in online materials for proper use.
Grade Level bands K-2	Advocate legal, and informatio Advocate legal, and informatio	manage, evaluate individually and of D. Digital Citizen issues related to te statement  and practice safe, responsible use of an and technology. and practice safe, responsible use of an and technology. at personal	e, and synthese collaborate a ship: Student echnology and Indicator  8.1.2.D.1	size information in order to solve problems and to create and communicate knowledge.  Is understand human, cultural, and societal alpractice legal and ethical behavior.  Indicator  Develop an understanding of ownership of print and nonprint information.  Understand the need for and use of copyrights.  Analyze the resource citations in online materials for proper use.  Demonstrate an understanding of the need to
Grade Level bands K-2	Advocate legal, and informatio Advocate legal, and informatio Demonstrates responsibility.	manage, evaluate individually and of D. Digital Citizen issues related to te statement  and practice safe, responsible use of an and technology. and practice safe, responsible use of an and technology.	e, and synthese collaborate a ship: Student echnology and Indicator  8.1.2.D.1  8.1.5.D.1	size information in order to solve problems and to create and communicate knowledge.  Is understand human, cultural, and societal alpractice legal and ethical behavior.  Indicator  Develop an understanding of ownership of print and nonprint information.  Understand the need for and use of copyrights.  Analyze the resource citations in online materials for proper use.  Demonstrate an understanding of the need to practice cyber safety, cyber security, and
Grade Level bands K-2	Advocate legal, and informatio Advocate legal, and informatio	manage, evaluate individually and of D. Digital Citizen issues related to te statement  and practice safe, responsible use of an and technology. and practice safe, responsible use of an and technology. at personal	e, and synthese collaborate a ship: Student echnology and Indicator  8.1.2.D.1  8.1.5.D.1	size information in order to solve problems and to create and communicate knowledge.  Is understand human, cultural, and societal dipractice legal and ethical behavior.  Indicator  Develop an understanding of ownership of print and nonprint information.  Understand the need for and use of copyrights.  Analyze the resource citations in online materials for proper use.  Demonstrate an understanding of the need to practice cyber safety, cyber security, and cyber ethics when using technologies and
Grade Level bands K-2	Advocate legal, and informatio Advocate legal, and informatio Demonstrates responsibility.	manage, evaluate individually and of D. Digital Citizen issues related to te statement  and practice safe, responsible use of an and technology. and practice safe, responsible use of an and technology. at personal	e, and synthese collaborate a ship: Student echnology and Indicator  8.1.2.D.1  8.1.5.D.1	size information in order to solve problems and to create and communicate knowledge.  Is understand human, cultural, and societal alpractice legal and ethical behavior.  Indicator  Develop an understanding of ownership of print and nonprint information.  Understand the need for and use of copyrights.  Analyze the resource citations in online materials for proper use.  Demonstrate an understanding of the need to practice cyber safety, cyber security, and
Grade Level bands K-2	Advocate legal, and informatio Advocate legal, and informatio Demonstrate responsibile learning.	manage, evaluate individually and of D. Digital Citizen issues related to te statement  and practice safe, responsible use of an and technology. and practice safe, responsible use of an and technology. at personal lity for lifelong	Indicator  8.1.5.D.1  8.1.5.D.2  8.1.5.D.3	size information in order to solve problems and to create and communicate knowledge.  Is understand human, cultural, and societal alpractice legal and ethical behavior.  Indicator  Develop an understanding of ownership of print and nonprint information.  Understand the need for and use of copyrights.  Analyze the resource citations in online materials for proper use.  Demonstrate an understanding of the need to practice cyber safety, cyber security, and cyber ethics when using technologies and social media.
Grade Level bands K-2	Advocate legal, and informatio Advocate legal, and informatio Demonstrates responsibilities.	manage, evaluate individually and of D. Digital Citizen issues related to te issues related to te and practice safe, responsible use of an and technology. and practice safe, responsible use of an and technology. at a personal lity for lifelong	e, and synthese collaborate a ship: Student echnology and Indicator  8.1.2.D.1  8.1.5.D.1	size information in order to solve problems and to create and communicate knowledge. It is understand human, cultural, and societal all practice legal and ethical behavior.  Indicator  Develop an understanding of ownership of print and nonprint information.  Understand the need for and use of copyrights.  Analyze the resource citations in online materials for proper use.  Demonstrate an understanding of the need to practice cyber safety, cyber security, and cyber ethics when using technologies and social media.  Understand digital citizenship and
Grade Level bands K-2	Advocate legal, and informatio Advocate legal, and informatio Demonstrate responsibile learning.	manage, evaluate individually and of D. Digital Citizen issues related to te issues related to te and practice safe, responsible use of an and technology. and practice safe, responsible use of an and technology. at a personal lity for lifelong	Indicator  8.1.5.D.1  8.1.5.D.2  8.1.5.D.3	size information in order to solve problems and to create and communicate knowledge. It is understand human, cultural, and societal all practice legal and ethical behavior.  Indicator  Develop an understanding of ownership of print and nonprint information.  Understand the need for and use of copyrights.  Analyze the resource citations in online materials for proper use.  Demonstrate an understanding of the need to practice cyber safety, cyber security, and cyber ethics when using technologies and social media.
Grade Level bands K-2	Advocate legal, and informatio Advocate legal, and informatio Demonstrates responsibilities.	manage, evaluate individually and of D. Digital Citizen issues related to te issues related to te and practice safe, responsible use of an and technology. and practice safe, responsible use of an and technology. at a personal lity for lifelong	Indicator  8.1.5.D.1  8.1.5.D.2  8.1.5.D.3	size information in order to solve problems and to create and communicate knowledge.  Is understand human, cultural, and societal alpractice legal and ethical behavior.  Indicator  Develop an understanding of ownership of print and nonprint information.  Understand the need for and use of copyrights.  Analyze the resource citations in online materials for proper use.  Demonstrate an understanding of the need to practice cyber safety, cyber security, and cyber ethics when using technologies and social media.  Understand digital citizenship and demonstrate an understanding of the personal
Grade Level bands K-2	Advocate legal, and informatio Advocate legal, and informatio Demonstrates responsibilities learning.	manage, evaluate individually and of D. Digital Citizen issues related to tensissues related to tensissues related to tensissues related to tensissues of and practice safe, responsible use of an and technology. and practice safe, responsible use of an and technology. attemption and technology. The personal lity for lifelong addership for digital of the personal lity for lifelong addership for digital di	Indicator  8.1.5.D.1  8.1.5.D.3	size information in order to solve problems and to create and communicate knowledge. It is understand human, cultural, and societal all practice legal and ethical behavior.  Indicator  Develop an understanding of ownership of print and nonprint information.  Understand the need for and use of copyrights.  Analyze the resource citations in online materials for proper use.  Demonstrate an understanding of the need to practice cyber safety, cyber security, and cyber ethics when using technologies and social media.  Understand digital citizenship and demonstrate an understanding of the personal consequences of inappropriate use of technology and social media.
Grade Level bands K-2	Advocate legal, and informatio Advocate legal, and informatio Demonstrates possibility learning.  Exhibit learning.  Advocate	manage, evaluate individually and of D. Digital Citizen issues related to te issues related to te and practice safe, responsible use of an and technology. and practice safe, responsible use of an and technology. at a personal lity for lifelong	Indicator  8.1.5.D.1  8.1.5.D.2  8.1.5.D.3	size information in order to solve problems and to create and communicate knowledge.  Is understand human, cultural, and societal alpractice legal and ethical behavior.  Indicator  Develop an understanding of ownership of print and nonprint information.  Understand the need for and use of copyrights.  Analyze the resource citations in online materials for proper use.  Demonstrate an understanding of the need to practice cyber safety, cyber security, and cyber ethics when using technologies and social media.  Understand digital citizenship and demonstrate an understanding of the personal consequences of inappropriate use of

	informatio	n and technology.		bullying, cyber security, and cyber ethics
	Demonstrate personal responsibility for lifelong learning.			including appropriate use of social media.
			8.1.8.D.2	Demonstrate the application of appropriate
				citations to digital content.
			8.1.8.D.3	Demonstrate an understanding of fair use and
				Creative Commons to intellectual property.
	Exhibit lea	adership for digital	8.1.8.D.4	Assess the credibility and accuracy of digital
	citizenship			content.
	•			
			8.1.8.D.5	Understand appropriate uses for social media
				and the negative consequences of misuse.
Content	Area	Technology		
Standard			echnology: A	All students will use digital tools to access,
		manage, evaluate	, and synthes	size information in order to solve problems
		individually and o	collaborate a	nd to create and communicate knowledge.
Strand		E: Research and	Information l	Fluency: Students apply digital tools to gather,
		evaluate, and use i	information.	
Grade	Content S	Statement	Indicator	Indicator
Level				
bands	Students			
P		egies to guide	8.1.P.E.1	Use the Internet to explore and investigate
	inquiry.			questions with a teacher's support.
K-2		egies to guide	8.1.2.E.1	Use digital tools and online resources to
	inquiry			explore a problem or issue.
	Locate, organize, analyze,			
	evaluate, synthesize, and			
		ise information		
	from a variety of sources and media.			
	Evaluate a	and salact		
		n sources and		
	digital tools based on the appropriateness for specific tasks.			
3-5	***************************************	egies to guide	8.1.5.E.1	Use digital tools to research and evaluate the
	inquiry.	8		accuracy of, relevance to, and appropriateness
		ganize, analyze,		of using print and non-print electronic
	evaluate, synthesize, and			information sources to complete a variety of
	ethically use information			tasks.
	from a variety of sources and			
	media.			
	Evaluate a			
	information sources and			
	_	ls based on the		
		eness for specific		
	tasks.		0.1.0.7.1	7700
6-8		egies to guide	8.1.8.E.1	Effectively use a variety of search tools and
	inquiry.			filters in professional public databases to find
		ganize, analyze,		information to solve a real world problem.
		synthesize, and		
		ise information		
	mom a var	riety of sources and		

			T	
	media.			
	Evaluate and select			
	information	n sources and		
	digital too	ls based on the		
	appropriateness for specific			
	tasks.			
		ata and report		
		ata and report		
<b>G</b> , ,	results.	m 1 1		
Content	Area	Technology	<del></del>	
Standard				all students will use digital tools to access,
				ize information in order to solve problems
				nd to create and communicate knowledge.
Strand		F: Critical thinking	ng, problem s	olving, and decision making: Students use
		critical thinking sk	kills to plan an	d conduct research, manage projects, solve
		problems, and mai	ke informed de	ecisions using appropriate digital tools and
		resources.	, and the second	
Grade	Content S	State ment	Indicator	Indicator
Level	Students		AIIGICUIUI	
bands	Students	VV111.		
	Idontify or	nd define outhentie	8.1.2.F.1	Use geographic manning tools to plan and
K-2		nd define authentic	ο.1.2.Γ.1	Use geographic mapping tools to plan and
		and significant		solve problems.
		for investigation.		
		nanage activities		
	to develop	a solution or		
	complete a	a project.		
		d analyze data to		
	identify solutions and/or			
	•	rmed decisions.		
		ple processes and		
	diverse perspectives to explore alternative solutions.			
3-5			8.1.5.F.1	Apply digital tools to collect organize and
3-3		nd define authentic	6.1.3.Г.1	Apply digital tools to collect, organize, and
		and significant		analyze data that support a scientific finding.
	-	for investigation.		
		nanage activities		
	to develop	a solution or		
	complete a	a project.		
	Collect an	d analyze data to		
	identify so	olutions and/or		
	make infor	rmed decisions.		
	Use multip	ole processes and		
		rspectives to		
		ternative solutions		
6-8		nd define authentic	8.1.8.F.1	Explore a local issue, by using digital tools to
		and significant		collect and analyze data to identify a solution
	_	for investigation.		and make an informed decision.
	-	-		and make an informed decision.
		nanage activities		
	_	a solution or		
	complete a			
		d analyze data to		
		olutions and/or		
		rmed decisions.		
	Use multip	ole processes and		
			1	

diverse perspectives to	
explore alternative solutions.	

## 21st CENTURY LIFE AND CAREERS

9.1 PERSONAL FINANCIAL LITERACY		
CONTENT AREA:	21st CENTURY LIFE AND CAREERS	
STRAND A:	INCOME AND CAREERS	
NUMBER	STANDARD STATEMENT	
	By the end of Grade 4, students will be able to:	
9.1.4.A.1	Explain the difference between a career and a job, and identify various jobs in the community and the related earnings.	
9.1.4.A.2	Identify potential sources of income.	

9.1.4.A.3	Explain how income affects spending and take-home pay.
	By the end of Grade 8, students will be able to:
9.1.8.A.1	Explain the meaning and purposes of taxes and tax deductions and why fees for various benefits (e.g., medical benefits) are taken out of pay.
9.1.8.A.2	Relate how career choices, education choices, skills, entrepreneurship, and economic conditions affect income.
9.1.8.A.3	Differentiate among ways that workers can improve earning power through the acquisition of new knowledge and skills.
9.1.8.A.4	Relate earning power to quality of life across cultures.
9.1.8.A.5	Relate how the demand for certain skills determines an individual's earning power.
9.1.8.A.6	Explain how income affects spending decisions.
9.1.8.A.7	Explain the purpose of the payroll deduction process, taxable income, and employee benefits.

9.1 PERSONAL FINANCIAL LITERACY		
CONTENT AREA:	21st CENTURY LIFE AND CAREERS	
STRAND B:	MONEY MANAGEMENT	
NUMBER	STANDARD STATEMENT	
	By the end of Grade 4, students will be able to:	
9.1.4.B.1	Differentiate between financial wants and needs.	
9.1.4.B.2	Identify age-appropriate financial goals.	
9.1.4.B.3	Explain what a budget is and why it is important.	
9.1.4.B.4	Identify common household expense categories and sources of income.	
9.1.4.B.5	Identify ways to earn and save.	
By the end of Grade 8, students will be able to:		
9.1.8.B.1	Distinguish among cash, check, credit card, and debit card.	

9.1.8.B.2	Construct a simple personal savings and spending plan based on various sources of income.
9.1.8.B.3	Justify the concept of "paying yourself first" as a financial savings strategy.
9.1.8.B.4	Relate the concept of deferred gratification to [investment,] meeting financial goals, and building wealth.
9.1.8.B.5	Explain the effect of the economy on personal income, individual and family security, and consumer decisions.
9.1.8.B.6	Evaluate the relationship of cultural traditions and historical influences on financial practice.
9.1.8.B.7	Construct a budget to save for long-term, short-term, and charitable goals.
9.1.8.B.8	Develop a system for keeping and using financial records.
9.1.8.B.9	Determine the most appropriate use of various financial products and services (e.g., ATM, debit cards, credit cards, check books).
9.1.8.B.10	Justify safeguarding personal information when using credit cards, banking electronically, or filing forms.
9.1.8.B.11	Evaluate the appropriate financial institutions to assist with meeting various personal financial needs and goals.

9.1 PERSONAL FINANCIAL LITERACY			
CONTENT AREA:	21 <sup>st</sup> CENTURY LIFE AND CAREERS		
STRAND C:	CREDIT AND DEBT MANAGEMENT		
NUMBER	STANDARD STATEMENT		
	By the end of Grade 4, students will be able to:		
9.1.4.C.1	Explain why people borrow money and the relationship between credit and debt.		
9.1.4.C.2	Identify common sources of credit (e.g., banks, credit card companies) and types of credit (e.g., loans, credit cards, mortgages).		
9.1.4.C.3	Compare and contrast credit cards and debit cards and the advantages and disadvantages of using each.		
9.1.4.C.4	Determine the relationships among income, expenses, and interest.		
9.1.4.C.5	Determine personal responsibility related to borrowing and lending.		
9.1.4.C.6	Summarize ways to avoid credit problems.		
	By the end of Grade 8, students will be able to:		
9.1.8.C.1	Compare and contrast credit cards and debit cards and the advantages and disadvantages of using each.		
9.1.8.C.2	Compare and contrast the financial products and services offered by different types of financial institutions.		
9.1.8.C.3	Compare and contrast debt and credit management strategies.		
9.1.8.C.4	Demonstrate an understanding of the terminology associated with different types of credit (e.g., credit cards, installment loans, mortgages) and compare the interest rates associated with each.		
9.1.8.C.5	Calculate the cost of borrowing various amounts of money using different types of credit (e.g., credit cards, installment loans, mortgages).		
9.1.8.C.6	Determine ways to leverage debt beneficially.		
9.1.8.C.7	Determine potential consequences of using "easy access" credit (e.g., using a line of credit vs. obtaining a loan for a specific purpose).		
9.1.8.C.8	Explain the purpose of a credit score and credit record, and summarize borrowers' credit report rights.		
9.1.8.C.9	Summarize the causes and consequences of personal bankruptcy.		

9.1.8.C.10	Determine when there is a need to seek credit counseling and
	appropriate times to utilize it.

#### 9.1 PERSONAL FINANCIAL LITERACY

## 21<sup>st</sup> CENTURY LIFE AND CAREERS

## PLANNING, SAVING, AND INVESTING

#### **STANDARD STATEMENT**

### By the end of Grade 4, students will be able to:

Determine various ways to save.

Explain what it means to "invest."

Distinguish between saving and investing.

#### By the end of Grade 8, students will be able to:

Determine how saving contributes to financial well-being.

Differentiate among various savings tools and how to use them most effectively.

Differentiate among various investment options.

Distinguish between income and investment growth.

9.1 PERSONAL FINANCIAL LITERACY	
CONTENT AREA:	21 <sup>st</sup> CENTURY LIFE AND CAREERS
STRAND E:	BECOMING A CRITICAL CONSUMER
NUMBER	STANDARD STATEMENT
By the end of Grade 4, students will be able to:	
9.1.4.E.1	Determine factors that influence consumer decisions related to money.
9.1.4.E.2	Apply comparison shopping skills to purchasing decisions.
By the end of Grade 8, students will be able to:	
9.1.8.E.1	Explain what it means to be a responsible consumer and the factors to consider when making consumer decisions.
9.1.8.E.2	Identify personal information that should not be disclosed to others and the possible consequences of doing or not doing so.
9.1.8.E.3	Compare and contrast product facts versus advertising claims.

9.1.8.E.4	Prioritize personal wants and needs when making purchases.
9.1.8.E.5	Analyze interest rates and fees associated with financial services, credit cards, debit cards, and gift cards.
9.1.8.E.6	Compare the value of goods or services from different sellers when purchasing large quantities and small quantities.
9.1.8.E.7	Evaluate how fraudulent activities impact consumers, and justify the creation of consumer protection laws.
9.1.8.E.8	Recognize the techniques and effects of deceptive advertising.

9.1 PERSONAL FINANCIAL LITERACY	
CONTENT AREA:	21st CENTURY LIFE AND CAREERS
STRAND F:	CIVIC FINANCIAL RESPONSIBILITY
NUMBER	STANDARD STATEMENT
By the end of Grade 4, students will be able to:	
9.1.4.F.1	Demonstrate an understanding of individual financial obligations and community financial obligations.
9.1.4.F.2	Explain the roles of philanthropy, volunteer service, and charitable contributions, and analyze their impact on community development and quality of living.
	By the end of Grade 8, students will be able to:
9.1.8.F.1	Explain how the economic system of production and consumption may be a means to achieve significant societal goals.
9.1.8.F.2	Examine the implications of legal and ethical behaviors when making financial decisions.
9.1.8.F.3	Relate the impact of business, government, and consumer fiscal responsibility to the economy and to personal finance.

9.1 PERSONAL FINANCIAL LITERACY	
CONTENT AREA:	21 <sup>st</sup> CENTURY LIFE AND CAREERS
STRAND G:	INSURING AND PROTECTING
NUMBER	STANDARD STATEMENT
By the end of Grade 4, students should be able to:	
9.1.4.G.1	Describe how valuable items might be damaged or lost and ways to protect them.
By the end of Grade 8, students will be able to:	

9.1.8.G.1	Explain why it is important to develop plans for protecting current and future personal assets against loss.
9.1.8.G.2	Determine criteria for deciding the amount of insurance protection needed.
9.1.8.G.3	Analyze the need for and value of different types of insurance and the impact of deductibles.
9.1.8.G.4	Evaluate the need for different types of extended warranties.

	9.2 CAREER AWARENESS, EXPLORATION, AND PREPARATION
CONTENT AREA:	21st CENTURY LIFE AND CAREERS
STRAND A:	CAREER AWARENESS
NUMBER	STANDARD STATEMENT
By the end of Grade 4, students will be able to:	
9.2.4.A.1	Identify reasons why people work, different types of work, and how work can help a person achieve personal and professional goals.
9.2.4.A.2	Identify various life roles and civic and work-related activities in the school, home, and community.
9.2.4.A.3	Investigate both traditional and nontraditional careers and relate information to personal likes and dislikes.
9.2.4.A.4	Explain why knowledge and skills acquired in the elementary grades lay the foundation for future academic and career success.

9.2 CAREER AWARENESS, EXPLORATION, AND PREPARATION	
CONTENT AREA:	21 <sup>st</sup> CENTURY LIFE AND CAREERS
STRAND B:	CAREER EXPLORATION
NUMBER	STANDARD STATEMENT
By the end of Grade 8, students will be able to:	

9.2.8.B.1	Research careers within the 16 Career Clusters <sup>®</sup> and determine attributes of career success.
9.2.8.B.2	Develop a Personalized Student Learning Plan with the assistance of an adult mentor that includes information about career areas of interest, goals and an educational plan.
9.2.8.B.3	Evaluate communication, collaboration, and leadership skills that can be developed through school, home, work, and extracurricular activities for use in a career.
9.2.8.B.4	Evaluate how traditional and nontraditional careers have evolved regionally, nationally, and globally.
9.2.8.B.5	Analyze labor market trends using state and federal labor market information and other resources available online.
9.2.8.B.6	Demonstrate understanding of the necessary preparation and legal requirements to enter the workforce.
9.2.8.B.7	Evaluate the impact of online activities and social media on employer decisions.