

Unit 1 - If/Then Adventure Stories							
Estimated Unit Time Frames	Big Ideas	Essential Questions	Concepts (Know)	Competencies (Do)	Lessons/ Suggested Resources	Vocabulary	Standards/ Eligible Content
4 Weeks (1 class period per week)	Students create an interactive If/Then Adventure Story in Google Slides	How can functions and format tools in Google Docs and Slides be used?	Students will know how to use different functions and formatting tools in Google Docs and Google Slides	Students will be able to 1) describe what the unit is about and 2) Complete the Pre-Survey	-Google Applied Digital Skills If/Then Adventure Stories Curriculum Activity 1 -Module Videos -Pre Survey	Collaboration	ISTE 1.d. ISTE 7.b. ISTE 7.c.
				Students will be able to 1) Use Google Docs to write, edit, and comment on a group project 2) Use Google Docs to make a decision in a group	-Google Applied Digital Skills If/Then Adventure Stories Curriculum Activity 2 -Module Videos -Starter Project (Google Docs) -Project Evaluation Rubric	Collaboration Settings Characters Plot Problems/ Conflicts	ISTE 1.c ISTE 1.d. ISTE 4.a. ISTE 6.b. ISTE 7.b. ISTE 7.c.
				Students will be able to 1) Create and link text boxes in a slide presentation 2) Add images and other design elements to slides 3) Create and add multiple	-Google Applied Digital Skills If/Then Adventure Stories Curriculum Activity 3 -Module Videos - Starter Project (Google Docs) -Google Slides	Summary	ISTE 1.d. ISTE 4.b. ISTE 6.b. ISTE 6.c. ISTE 6.d. ISTE 7.b. ISTE 7.c.

				slides presentation	-Project Evaluation Rubric		
				Students will be able to 1) Complete Unit Reflection	If/Then Adventure Stories Curriculum Activity 4 -Module Videos -Unit Reflection	Collaborate Brainstorm	ISTE 1.a. ISTE 1.c.

Unit 2 Research & Develop a Topic							
Estimated Unit Time Frames	Big Ideas	Essential Questions	Concepts (Know)	Competencies (Do)	Lessons/ Suggested Resources	Vocabulary	Standards/ Eligible Content
6 Weeks (1 class period per week)	Students use Google Search and Google Docs to research information about a topic	What criteria makes an article credible?	Students will know how to use different tools and functions in Google Docs and how to evaluate an article's credibility	Students will be able to 1) Add comments in a document 2) Digitally share a document 3) Evaluate an article's credibility	-Google Applied Digital Skills Research & Develop a Topic Curriculum Activity 1 -Module Videos -Example Project -Google Docs -Project Evaluation Rubric	-Google Search -Internet Search -Credibility -Pop Up Alert -Code -G Suite -Digital Collaboration -Cyber criminal -Phishing	ISTE 1.c. ISTE 1.d. ISTE 3.a. ISTE 3.b. ISTE 3.d.
				Students will be able to 1) Conduct an advanced internet search 2) Research & Record information about a topic in a document 3) Write a research based article and share it digitally	-Google Applied Digital Skills Research & Develop a Topic Curriculum Activity 2 -Module Videos -Example Project -Google Docs -Project Evaluation Rubric	-Advanced Search -Paraphrase -Summarize -Keyword -Plagiarism -Citation	ISTE 3.a. ISTE 3.b. ISTE 3.c. ISTE 3.d. ISTE 6.b.
				Students will be able to 1) Write Code & execute a program 2)	-Google Applied Digital Skills Research & Develop	-Pop Up -Code -Script Editor -Javascript	ISTE 1.c. ISTE 4.c. ISTE 5.c. ISTE 5.d.

				Change the appearance of an alert using HTML Code	a Topic Curriculum Activity 3 -Module Videos -Example Project -Google Docs -Google Apps Script -Project Evaluation Rubric	-Auto complete menu -User Interface -Parameter -HTML -Variable -Tags -Function	ISTE 6.c.
				Students will be able to 1) Complete Unit Wrap Up/Reflection	-Google Applied Digital Skills Research & Develop a Topic Curriculum Activity 4 -Module Videos -Unit Reflection -Google Docs		ISTE 1.a. ISTE 1.c.

Unit 3 Plan and Budget							
Estimated Unit Time Frames	Big Ideas	Essential Questions	Concepts (Know)	Competencies (Do)	Lessons/ Suggested Resources	Vocabulary	Standards/ Eligible Content
11 Weeks (1 class period per week)	Students research and collect data about real-life expenses in Google Sheets	How can tools and functions in Google Sheets be used to create a budget?	Students will know how to use different tools and functions in Google Sheets.	Students will be able to 1) Conduct an internet search 2) Sort and freeze columns and rows in a spreadsheet 3) Add and multiply using cell references 4) Copy formulas in a spreadsheet to other cells	-Google Applied Digital Skills Plan & Budget Curriculum Activity 1 -Module Videos -Google Sheets -Example Project -Project Evaluation Rubric	Contract Term	ISTE 3.a. ISTE 3.c. ISTE 4.b.
				Students will be able to 1) write a spreadsheet function to calculate distance 2) write code that communicates with Google Map's API in order to calculate distance	-Google Applied Digital Skills Plan & Budget Curriculum Activity 2 -Module Videos -Google Sheets -Google Apps Script -Example Project -Project Evaluation Rubric	-Variable - Application Programming Interface -Code/Script Log	ISTE 3.d. ISTE 5.b. ISTE 5.c. ISTE 5.d.
				Students will be able to 1) Define	-Google Applied Digital Skills Plan &	-Sum -Expenditure -Income	ISTE 1.d. ISTE 3.d. ISTE 5.b.

				<p>Income and Expenditure</p> <p>2) Import data from a website into a spreadsheet</p> <p>3) Create a summary table in a spreadsheet</p> <p>4) Insert charts into a spreadsheet</p> <p>5) Compare income and expenditures in a personal budget</p> <p>6) Calculate totals using spreadsheet formulas</p>	<p>Budget Curriculum Activity 3</p> <ul style="list-style-type: none"> -Module Videos -Google Sheets -Google Apps Script -Example Project -Project Evaluation Rubric 	<ul style="list-style-type: none"> -Credit -Debit -Balance -Categorize -Formula Arguments -Relative Cell Reference -Absolute Cell Reference 	<p>ISTE 5.c.</p> <p>ISTE 5.d.</p>
				<p>Students will be able to 1)</p> <p>Conduct an internet search 2)</p> <p>Identify the fixed aspects of a loan</p> <p>3) Calculate loan costs</p> <p>4) Input and organize data in a spreadsheet</p> <p>5) Insert images into a spreadsheet</p>	<p>-Google Applied Digital Skills Plan & Budget Curriculum Activity 4</p> <ul style="list-style-type: none"> -Module Videos -Google Sheets -Google Apps Script -Example Project -Project Evaluation Rubric 	<ul style="list-style-type: none"> -Financing -Interest -Loan -APR - Loan Term -Principal -Absolute Value Formula 	<p>ISTE 3.d.</p> <p>ISTE 5.b.</p> <p>ISTE 5.c.</p> <p>ISTE 5.d.</p> <p>ISTE 6.c.</p>

				6)Create a summary table in a spreadsheet			
				Students will be able to 1) Identify the various costs associated with vacation planning 2) Calculate total costs in a spreadsheet using formulas	-Google Applied Digital Skills Plan & Budget Curriculum Activity 5 -Module Videos -Google Sheets -Example Project -Project Evaluation Rubric	-Budget -Total Costs -Remaining Balance	ISTE 3.d.
				Students will be able to 1) Complete the unit reflection	-Google Applied Digital Skills Research & Develop a Topic Curriculum Activity 5 -Module Videos -Unit Reflection -Google Docs		ISTE 1.a. ISTE 1.c.

Unit 4 (Technology, Ethics, and Security)							
Estimated Unit Time Frames	Big Ideas	Essential Questions	Concepts (Know)	Competencies (Do)	Lessons/ Suggested Resources	Vocabulary	Standards/ Eligible Content
8 Weeks (1 class period per week)	Students research technology risks and dangers, explore solutions, and create a report to communicate findings	What are risks and dangers of technology? What are possible solutions to technology risks and dangers?	Students will know different risks and dangers related to technology	Students will be able to 1) identify real-world issues and problems, developing theories, and pursuing answers and solutions 2) Use technology and other information tools to analyze and organize information 3) Demonstrate mastery of technology tools for accessing information and pursuing inquiry 4) Develop and refine a range of questions to frame the search	-Google Applied Digital Skills Technology, Ethics, and Security Curriculum Activity 1 -Module Videos -Google Docs	Ethics Analysis Collaboration Research Connections Communication Computational thinking	ISTE 3.a. ISTE 3.b. ISTE 3.c. ISTE 3.d.

				for new understanding 5) Display initiative and engagement by posing questions and investigating answers beyond collection of superficial facts			
				SWBAT 1) Build knowledge by actively exploring real-world issues and problems, developing ideas and theories, and pursuing answers and solutions. 2) Evaluate information for accuracy, validity, and suitability 3) Choose appropriate tools to analyze and organize information 4) Seek divergent perspectives during	-Google Applied Digital Skills Technology, Ethics, and Security Curriculum Lesson 2 -Module Videos -Google Docs	Drones Wearable Technology	ISTE 3.a. ISTE 3.b. ISTE 3.c. ISTE 3.d ISTE 7.b. ISTE 7.c. ISTE 7.d.

				information gathering and assessment 5) Monitor information-seeking processes for effectiveness, and adapt as necessary			
				SWBAT 1) Demonstrate leadership and confidence by presenting ideas in both formal and informal settings 2) Distinguish between ethical and unethical practices with respect to safe and responsible use of information, data, media, and computing devices; 3) Use knowledge and information skills and			ISTE 3.a. ISTE 3.b. ISTE 3.c. ISTE 3.d ISTE 6.c. ISTE 6.d. ISTE 7.b. ISTE 7.c. ISTE 7.d.

				<p>dispositions to engage in public conversation and debate around issues of common concern</p> <p>4) Conclude an inquiry-based research process by sharing new understandings and reflecting on learning</p> <p>5) Develop personal criteria for gauging how effectively own ideas are expressed</p> <p>6) Connect learning to community issues based on cultural and social context</p>			
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Unit 5 (Technology's Role in Current Events)							
Estimated Unit Time Frames	Big Ideas	Essential Questions	Concepts (Know)	Competencies (Do)	Lessons/ Suggested Resources	Vocabulary	Standards/ Eligible Content
5 weeks (1 class period per week)	Students research a topic related to technology's role in current events, create a project, and present their findings.	How does technology change and transform our world? What are the risks, limits, and opportunities surrounding technology's role in current events?	Students will know what role technology plays in current events.	SWBAT 1) Explain technology's role in current events to reveal how it both informs and transforms our world 2) Identify and assess the risks, limits, and opportunities surrounding technology's role in current events 3) Explain the role of "citizen journalists" and their effect on current events 4) Plan and employ effective research strategies to locate	-Google Applied Digital Skills Technology's Role in Current Events Lesson 1 Curriculum -Module Videos -Google Docs	Citizen Journalism	ISTE 3.a. ISTE 3.b. ISTE 3.c. ISTE 3.d ISTE 6.c. ISTE 6.d. ISTE 7.b. ISTE 7.c. ISTE 7.d.

				information and other resources for their intellectual or creative pursuits			
				<p>SWBAT 1) Explain technology's role in current events to reveal how it both informs and transforms our world.</p> <p>2) Identify and assess the risks, limits, and opportunities surrounding technology's role in current events.</p> <p>3) Explain the role of "citizen journalists" and their effect on current events.</p> <p>4) Plan and employ effective research strategies to locate information and other resources</p>	<p>-Google Applied Digital Skills Technology's Role in Current Events Lesson 2 Curriculum</p> <p>-Module Videos</p> <p>-Google Docs</p>		<p>ISTE 3.a.</p> <p>ISTE 3.b.</p> <p>ISTE 3.c.</p> <p>ISTE 3.d.</p> <p>ISTE 6.c.</p> <p>ISTE 6.d.</p> <p>ISTE 7.b.</p> <p>ISTE 7.c.</p> <p>ISTE 7.d.</p>

				for their intellectual or creative pursuits.			
				<p>SWBAT 1) Explain technology's role in current events to reveal how it both informs and transforms our world.</p> <p>2) Identify and assess the risks, limits, and opportunities surrounding technology's role in current events.</p> <p>3) Explain the role of "citizen journalists" and their effect on current events.</p> <p>4) Plan and employ effective research strategies to locate information and other resources for their</p>	<p>-Google Applied Digital Skills Technology's Role in Current Events Lesson 3 Curriculum</p> <p>-Module Videos</p> <p>-Google Docs</p>		<p>ISTE 3.a.</p> <p>ISTE 3.b.</p> <p>ISTE 3.c.</p> <p>ISTE 3.d.</p> <p>ISTE 6.c.</p> <p>ISTE 6.d.</p> <p>ISTE 7.b.</p> <p>ISTE 7.c.</p> <p>ISTE 7.d.</p>

				intellectual or creative pursuits.			
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