



8th Grade Computer Curriculum

Reading and Writing Standards

Trimester	Reading Assessment	Writing Assessment
1	Internet Safety Article	Internet Safety Article Reflection/Thoughts <ul style="list-style-type: none">• What was most important about what you read?• What are some things you will do differently?• Did you learn anything new?
2	Internet Safety Article	Internet Safety Article Reflection/Thoughts <ul style="list-style-type: none">• What was most important about what you read?• What are some things you will do differently?• Did you learn anything new?
3	Internet Safety Article	Internet Safety Article Reflection/Thoughts <ul style="list-style-type: none">• What was most important about what you read?• What are some things you will do differently?• Did you learn anything new?



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Scoring Guide for Written Work

SKILL	SCORING
Correct Spelling	
Complete sentences	
Correct capitalization	
End punctuation	



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Content Topics and Pacing

Topic	Duration	Skills	Projects
Typing	12 weeks	Edutyping Secondary Curriculum - keyboarding	Daily Typing
Google Drawings	1 week	<ul style="list-style-type: none">• Replacing text in a diagram template• Resizing text boxes• Changing color, size and font of text• Grouping objects together• Resizing canvas• Adding/Changing a background color• Titling diagram• Searching/Inserting images• Adding GIFs	Timeline
Google Drive	1 week	<ul style="list-style-type: none">• Create folders and subfolders• Change folder colors• Move files in drive• Delete files	Organizing Files and Folders
Google Sheets	1 week	<ul style="list-style-type: none">• Formulas and functions• Absolute vs relative cell references• Changing numbers from decimals to percentages• Rounding to the tenths place• Hiding columns	Calculating Probability
Google Sheets	1 week	<ul style="list-style-type: none">• Resize cells, columns and rows• Select and edit a range of cells, including rows, columns and arrays of single cells• Apply formatting conditions to match	Spreadsheet



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		<ul style="list-style-type: none">background fill colors and text colors• Use drag feature to quickly copy cell data	
Google Drawings	1 week	<ul style="list-style-type: none">• Represent data visually• Adjust formatting of text and images• Add and edit images	Infographic
Internet Safety	1 day	<ul style="list-style-type: none">• Digital Footprint• CyberSafety• Cyberbullying	School Resource Officer Presentation
Internet Safety Article	2 days	<ul style="list-style-type: none">• Reading• Writing using the following guidelines<ul style="list-style-type: none">○ Correct Spelling○ Complete Sentences○ Correct Capitalization○ Proper End Punctuation	Read Article/Write a Reflection
Coding	6 weeks	<ul style="list-style-type: none">• Algorithms and Programming• Use numbers or other symbols to represent information• Break down step to solve problems into a precise sequence on instructions• Identify and fix errors in programming• Modify existing program into own work and add more advanced features• Create programs that include sequences, events, loops and conditionals• Develop problem-solving skills to refine algorithms• Break down problems into smaller manageable subproblems to develop working	Code.org



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		<p>code.</p> <ul style="list-style-type: none">• Create games and solve games using particular programming.• Make creative projects using various programming features.	
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