

GRADE 4		
Adding and Subtracting		Lesson
Code	Standard	
4.NBT.4	Fluently add and subtract multi-digit whole numbers using the standard algorithm.	
Advanced Report Writing		Application Exercise
Code	Standard	
L.4.2.d	Spell grade-appropriate words correctly, consulting references as needed.	
RL.4.4	Determine the meaning of words and phrases as they are used in a text, including those that allude to significant characters found in mythology (e.g., Herculean).	
W.4.5	With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, and editing.	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
W.4.7	Conduct short research projects that build knowledge through investigation of different aspects of a topic.	
Animal Research Spreadsheet		Application Exercise
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
W.4.8	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.	
Audience and Media		Discussion
Code	Standard	
W.4.10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.	
W.4.4	Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience.	

W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
	Audience and Organization Lesson
Code	Standard
SL.4.5	Add audio recordings and visual displays to presentations when appropriate to enhance the development of main ideas or themes.
W.4.7	Conduct short research projects that build knowledge through investigation of different aspects of a topic.
	Bar Graphs Lesson
Code	Standard
SL.4.2	Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
	Basic Components Lesson
Code	Standard
W.4.8	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.
	Birth Certificate Application Exercise
Code	Standard
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
	Book Report Progress Application Exercise
Code	Standard
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
	Browsing and URLs Lesson
Code	Standard
W.4.8	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.

	Comparing Stories	Application Exercise
Code	Standard	
RL.4.7	Make connections between the text of a story or drama and a visual or oral presentation of the text, identifying where each version reflects specific descriptions and directions in the text.	
	Composing Slides	Lesson
Code	Standard	
SL.4.2	Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.	
W.4.7	Conduct short research projects that build knowledge through investigation of different aspects of a topic.	
	Computer Compatibility	Application Exercise
Code	Standard	
W.4.2.a	Introduce a topic clearly and group related information in paragraphs and sections; include formatting (e.g., headings), illustrations, and multimedia when useful to aiding comprehension.	
W.4.2.b	Develop the topic with facts, definitions, concrete details, quotations, or other information and examples related to the topic.	
W.4.2.c	Link ideas within categories of information using words and phrases (e.g., another, for example, also, because).	
W.4.2.d	Use precise language and domain-specific vocabulary to inform about or explain the topic.	
	Computer Rules Sign	Application Exercise
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Computer Rules Skit	Application Exercise
Code	Standard	
W.4.5	With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, and editing.	
	Copying Formulas and Functions	Lesson
Code	Standard	

4.NBT.5	Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.	
	Correcting Hyphenation	Application Exercise
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Creating a Newsletter	Application Exercise
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Creating a Portfolio	Application Exercise
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Creating and Organizing Content	Lesson
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Cumulative Story	Application Exercise
Code	Standard	
W.4.3.a	Orient the reader by establishing a situation and introducing a narrator and/or characters; organize an event sequence that unfolds naturally.	
W.4.3.b	Use dialogue and description to develop experiences and events or show the responses of characters to situations.	
W.4.5	With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, and editing.	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	

	Desktop	Lesson
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Desktop Publishing	Lesson
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Devices and Compatibility	Discussion
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Dramatic Digital Video	Application Exercise
Code	Standard	
RL.4.7	Make connections between the text of a story or drama and a visual or oral presentation of the text, identifying where each version reflects specific descriptions and directions in the text.	
	Drill 2	Practice
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Enhancing Slides	Lesson
Code	Standard	
SL.4.2	Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.	
W.4.7	Conduct short research projects that build knowledge through investigation of different aspects of a topic.	
	Examining Content	Application Exercise

Code	Standard	
W.4.8	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.	
	Formats and Outlining	Lesson
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
W.4.8	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.	
	Formatting a Poem	Application Exercise
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Formatting Biographies	Application Exercise
Code	Standard	
W.4.2.a	Introduce a topic clearly and group related information in paragraphs and sections; include formatting (e.g., headings), illustrations, and multimedia when useful to aiding comprehension.	
W.4.2.b	Develop the topic with facts, definitions, concrete details, quotations, or other information and examples related to the topic.	
W.4.3.a	Orient the reader by establishing a situation and introducing a narrator and/or characters; organize an event sequence that unfolds naturally.	
W.4.3.b	Use dialogue and description to develop experiences and events or show the responses of characters to situations.	
W.4.3.d	Use concrete words and phrases and sensory details to convey experiences and events precisely.	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Good Citizenship Digital Video	Application Exercise
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	

W.4.7	Conduct short research projects that build knowledge through investigation of different aspects of a topic.	
	Guidebook	Application Exercise
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Home Row	Lesson
Code	Standard	
SL.4.1.c	Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.	
SL.4.2	Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.	
	Idea Webs	Lesson
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Identifying Computer Devices	Application Exercise
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Informational Interview	Application Exercise
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Jazz Instruments Presentation	Application Exercise
Code	Standard	
RL.4.5	Explain major differences between poems, drama, and prose, and refer to the structural elements of poems (e.g., verse, rhythm, meter) and drama (e.g., casts of characters, settings, descriptions, dialogue, stage directions) when writing or speaking about a text.	
W.4.8	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.	

W.4.9.a	Apply grade 4 Reading standards to literature (e.g., "Describe in depth a character, setting, or event in a story or drama, drawing on specific details in the text [e.g., a character's thoughts, words, or actions].").
W.4.9.b	Apply grade 4 Reading standards to informational texts (e.g., "Explain how an author uses reasons and evidence to support particular points in a text").
	Keyboarding Test Level 2 Application Exercise
Code	Standard
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
	Keyword Searches Lesson
Code	Standard
W.4.8	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.
	Line Graphs Lesson
Code	Standard
SL.4.2	Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
	Lower Row Lesson
Code	Standard
SL.4.1.c	Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.
SL.4.2	Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.
	Making a Schedule Application Exercise
Code	Standard
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.

	Multiplying and Dividing	Lesson
Code	Standard	
4.NBT.5	Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.	
	My State Research	Application Exercise
Code	Standard	
W.4.8	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.	
	Number Row	Lesson
Code	Standard	
SL.4.1.c	Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.	
SL.4.2	Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.	
	Page Layout	Lesson
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Pie Charts	Lesson
Code	Standard	
SL.4.2	Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Printer	Lesson
Code	Standard	
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.	
	Proofreading and Correcting 1	Practice

Code	Standard
L.4.2.a	Use correct capitalization.
L.4.2.b	Use commas and quotation marks to mark direct speech and quotations from a text.
L.4.5.c	Demonstrate understanding of words by relating them to their opposites (antonyms) and to words with similar but not identical meanings (synonyms).
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
Proofreading and Correcting 2	
Practice	

Code	Standard
L.4.2.a	Use correct capitalization.
L.4.2.b	Use commas and quotation marks to mark direct speech and quotations from a text.
L.4.5.c	Demonstrate understanding of words by relating them to their opposites (antonyms) and to words with similar but not identical meanings (synonyms).
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
Proofreading and Editing	
Lesson	

Code	Standard
L.4.3.b	Choose punctuation for effect.
W.4.5	With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, and editing.
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
Research and Evaluation	
Application Exercise	

Code	Standard
W.4.8	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.
Revising and Formatting	
Lesson	

Code	Standard
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W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
	Scanner Lesson
Code	Standard
L.4.3.a	Choose words and phrases to convey ideas precisely.
L.4.4.c	Consult reference materials (e.g., dictionaries, glossaries, thesauruses), both print and digital, to find the pronunciation and determine or clarify the precise meaning of key words and phrases.
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
	Software Lesson
Code	Standard
SL.4.2	Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
	Sourcing and Ethics Lesson
Code	Standard
W.4.8	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.
	Student Information Spreadsheet Application Exercise
Code	Standard
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
W.4.8	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.
	Technology Devices Application Exercise

Code	Standard
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
	Toolbars and Menus Lesson

Code	Standard
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
	Web Page Design Application Exercise

Code	Standard
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
	Weekly Reading Graph Application Exercise

Code	Standard
W.4.6	With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.
	Windows and Controls Lesson