

Next Generation ELA, Math, NYS Science, and NYS Social Studies Practices CROSSWALK

ELA READING Lifelong Learning	ELA WRITING Lifelong Learning	MATH Practices	Science & Engineering Practices	Social Studies Practices
Readers will...	Writers will...	Mathematicians will...	Scientists will...	Historians will...
Think, write, speak and listen to understand	Think, write, speak and listen to strengthen their writing	Make sense of mathematical practices and persevere in solving them.	Ask questions (for science) and define problems (for engineering)	Define and frame questions about events and the world in which we live
Read often and widely from a range of texts	Write often and widely in a variety of formats, using print and digital resources	Reason abstractly and quantitatively.	Develop and use models	Identify, analyze, and evaluate the relationship between multiple causes and effects
Read for multiple purposes, including for learning and for pleasure	Write for multiple purposes, including for learning and pleasure	Construct viable arguments and critique the reasoning of others.	Plan and carry out investigations	Explain how events are related chronologically to one another at over time
Self-select text based on interest	Experiment and play with language	Model with mathematics.	Analyze and interpret data	Identify multiple perspectives of a historical event
Monitor their comprehension and apply reading strategies flexibly	Analyze mentor texts to enhance their writing	Use appropriate tools strategically.	Use mathematics and computational thinking	Employ mathematical skills to measure time in years and centuries.
Make connections (to self, other texts, ideas, cultures, eras, etc.)	Persevere through challenging writing tasks	Attend to precision.	Construct explanations (for science) and design solutions (for engineering)	Explain how economic decisions affect the wellbeing of individuals, businesses, and society
Persevere through challenging complex texts	Strengthen writing by planning, revising, editing, rewriting or trying a new approach	Look for and make use of structure.	Engage in argument from evidence	Use location terms and geographic representations
Enrich personal language, background knowledge, and vocabulary through reading and communicating with others	Enrich personal language, background knowledge, and vocabulary through writing and communicating with others	Look for and express regularity in repeated reasoning.	Obtain, evaluate, and communicate information.	Participate in activities that focus on a classroom, school, or community issue or problem.

