Additional Standards

Content Area: **Mathematics**
Course(s): **Algebra 1**
Time Period: **Generic Time Period**
Length: **Full Year**
Status: **Published**

Additional Standards

Computer Science and Design Thinking

8.1.2.CS.1	Select and operate computing devices that perform a variety of tasks accurately and quickly based on user needs and preferences.
	Describing a problem is the first step toward finding a solution when computing systems do not work as expected.
8.1.2.NI.1	Model and describe how individuals use computers to connect to other individuals, places, information, and ideas through a network.
8.1.2.NI.3	Create a password that secures access to a device. Explain why it is important to create unique passwords that are not shared with others.
8.1.2.DA.1	Collect and present data, including climate change data, in various visual formats.

Interdisciplinary Standards Across Content and Grade

LA.RH.11-12.4	Determine the meaning of words and phrases as they are used in a text, including analyzing how an author uses and refines the meaning of a key term over the course of a text (e.g., how Madison defines faction in Federalist No. 10).
LA.RH.11-12.7	Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, qualitatively, as well as in words) in order to address a question or solve a problem.
	An individual’s income and benefit needs and financial plan can change over time.
LA.RST.11-12.3	Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanations in the text.
LA.RST.11-12.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11-12 texts and topics.
LA.RST.11-12.7	Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., quantitative data, video, multimedia) in order to address a question or solve a problem.
9-12.HS-ETS1-1.1.1	Analyze complex real-world problems by specifying criteria and constraints for successful solutions.
9-12.HS-ETS1-4.5.1	Use mathematical models and/or computer simulations to predict the effects of a design solution on systems and/or the interactions between systems.

Career Readiness, Life Literacies and Key Skills

9.4.12.CI	Creativity and Innovation
9.1.2.FI	Financial Institutions
	Career planning requires purposeful planning based on research, self-knowledge, and informed choices.
9.1.2.FP	Financial Psychology
9.4.12.DC	Digital Citizenship
9.1.2.PB	Planning and Budgeting
	An individual’s income and benefit needs and financial plan can change over time.
9.1.2.RM	Risk Management and Insurance
	There are ways to assess a business’s feasibility and risk and to align it with an individual’s financial goals.