

6-8 Template

Content Area: **Template**
Course(s):
Time Period: **Full Year**
Length: **Full Year**
Status: **Published**

Unit Overview

Enduring Understandings

Essential Questions

Learning Objectives

Standards: Content

Standards: Interdisciplinary

MATH.7.EE	Expressions and Equations
MATH.8.F.A	Define, evaluate and compare functions
MATH.7.EE.B	Solve real-life and mathematical problems using numerical and algebraic expressions and equations
ELA.RL.MF.7.6	Compare and contrast texts (e.g., a written story, drama, or poem) to its audio, filmed, staged, or multimedia version and analyze the unique qualities of different mediums, including the effects of techniques unique to each medium (e.g., lighting, sound, color, or camera focus and angles in a film).
MATH.7.EE.B.3	Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies.
MATH.8.F.A.2	Compare properties (e.g., rate of change, intercepts, domain and range) of two functions

each represented in a different way (algebraically, graphically, numerically in tables, or by verbal descriptions).

ELA.RL.MF.8.6	<p>Evaluate the choices made (by the authors, directors or actors) when presenting an idea in different mediums, including the representation/s or various perspectives of a subject or a key scene in two different artistic mediums (e.g., a person's life story in both print and multimedia), as well as what is emphasized or absent in each work.</p> <p>For example, given a linear function represented by a table of values and a linear function represented by an algebraic expression, determine which function has the greater rate of change.</p>
ELA.RI.MF.6.6	<p>Integrate information when presented in different media or formats (e.g., visually, quantitatively) to develop a coherent understanding of a topic or issue.</p>
MATH.6.EE	<p>Expressions and Equations</p>
MATH.6.EE.A	<p>Apply and extend previous understandings of arithmetic to algebraic expressions</p>
MATH.6.EE.A.2	<p>Write, read, and evaluate expressions in which letters stand for numbers.</p>
ELA.W.IW.7.2	<p>Write informative/explanatory texts (including the narration of historical events, scientific procedures/experiments, or technical processes) to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.</p>
MATH.6.EE.A.2.c	<p>Evaluate expressions at specific values of their variables. Include expressions that arise from formulas used in real-world problems. Perform arithmetic operations, including those involving whole number exponents, in the conventional order when there are no parentheses to specify a particular order (Order of Operations).</p>
ELA.W.IW.7.2.A	<p>Introduce a topic clearly, previewing what is to follow; organize ideas, concepts, and information, using text structures (e.g., definition, classification, comparison/contrast, cause/effect, etc.) and text features (e.g., headings, graphics, and multimedia) when useful to aid in comprehension.</p>
ELA.W.IW.8.2	<p>Write informative/explanatory texts (including the narration of historical events, scientific procedures/experiments, or technical processes) to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.</p>
ELA.W.IW.6.2	<p>Write informative/explanatory texts (including the narration of historical events, scientific procedures/experiments, or technical processes) to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.</p>
ELA.W.IW.8.2.A	<p>Introduce a topic clearly, previewing what is to follow; and organize ideas, concepts, and information, using text structures (e.g., definition, classification, comparison/contrast, cause/effect, etc.) and text features (e.g., headings, graphics, and multimedia) when useful to aid in comprehension.</p>
ELA.W.IW.6.2.A	<p>Introduce a topic and organize ideas, concepts, and information, using text structures (e.g., definition, classification, comparison/contrast, cause/effect, etc.) and text features (e.g., headings, graphics, and multimedia) when useful to aid in comprehension.</p>
ELA.SL.II.7.2	<p>Analyze the main ideas and supporting details presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how the ideas clarify a topic, text, or issue under study.</p>
ELA.SL.II.8.2	<p>Analyze the purpose of information presented in diverse media and formats (e.g., visually, quantitatively, orally) and evaluate the motives (e.g., social, commercial, political) behind its presentation.</p>
ELA.SL.II.6.2	<p>Interpret information presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how it contributes to a topic, text, or issue under study.</p>
ELA.SL.UM.7.5	<p>Include multimedia components and visual displays in presentations to clarify claims and</p>

	findings and emphasize salient points.
ELA.SL.UM.8.5	Integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and add interest.
ELA.SL.UM.6.5	Include multimedia components (e.g., graphics, images, music, sound) and visual displays in presentations to clarify information.
WRK.9.2.8.CAP	Career Awareness and Planning
WRK.9.2.8.CAP.1	Identify offerings such as high school and county career and technical school courses, apprenticeships, military programs, and dual enrollment courses that support career or occupational areas of interest.
WRK.9.2.8.CAP.3	Explain how career choices, educational choices, skills, economic conditions, and personal behavior affect income.
TECH.9.4.8.IML.1	Critically curate multiple resources to assess the credibility of sources when searching for information. An individual’s strengths, lifestyle goals, choices, and interests affect employment and income. Digital tools and media resources provide access to vast stores of information, but the information can be biased or inaccurate. Increases in the quantity of information available through electronic means have heightened the need to check sources for possible distortion, exaggeration, or misrepresentation. Specific situations require the use of relevant sources of information.

Assessment Evidence

Formative	
Summative	
Alternative & Benchmark	
<u>Assessment Evidence Resource</u>	

Instructional Resources

[Instructional Resource List](#)

Curricular Mandates

Below are the curricular requirements as defined in NJ Administrative Code and Statute

Amistad	Diversity, Equity, and Inclusion
Holocaust	LGBT and Disabilities (Grades 6-12)
Climate Change	Asian American & Pacific Islander

Social Emotional Learning (SEL) Competencies

NJ Social and Emotional Learning Competencies & Sub-Competencies

	Self-Awareness	X	Relationship Skills
X	Responsible Decision-Making		Social Awareness
	Self-Management		

21st Century Skills & Themes

X	Global and Cultural Awareness		Technology Literacy	X	Planning and Budgeting
X	Creativity and Innovation	X	Financial Institutions	X	Risk Management and Insurance
X	Information and Media Literacy	X	Digital Citizenship	X	Economic and Government Influences
X	Critical Thinking and Problem Solving	X	Credit Profile	X	Career Awareness and Planning
	Civic Financial Responsibility	X	Financial Psychology		