

State Standards

Massachusetts

- **ELA**
- **RL.11-12.2:** Determine two or more themes or central ideas of a text and analyze their development over the course of the text, including how they interact and build on one another to produce a complex account; provide an objective summary of the text.
- **RL.11-12.4:** Determine the figurative or connotative meaning (s) of words and phrases as they are used in the text; analyze the impact of specific words or rhetorical patterns (e.g., how the language evokes a sense of time and place, how shifts in rhetorical patterns signal new perspectives)
- **W.11-12.1:** Write arguments (e.g., essays, letters to the editor, advocacy speeches) to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.
- **W.11-12.1.b:** Develop claim(s) and counterclaims fairly and thoroughly, supplying the most relevant evidence for each while pointing out the strengths and limitations of both in a manner that anticipates the audience's knowledge level, concerns, values, and possible biases.
- **W.11-12.1.d:** Establish and maintain a style appropriate to the audience and purpose (e.g., formal for academic writing) while attending to the norms and conventions of the discipline in which they are writing.
- **W.11-12.2:** Write informative/explanatory texts (e.g., essays, oral reports, biographical feature articles) to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content
- **W.11-12.2.a:** Introduce a topic; organize complex ideas, concepts, and information so that each new element builds on that which precedes it to create a unified whole; include text features (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.
- **W.11-12.3:** Write narratives to develop experiences or events using effective literary techniques, well-chosen details, and well-structured sequences.
- **W.11-12.4:** Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Writing Standards 1-3.)
- **F.MA.P.06:** Convey meaning through the presentation of artistic work. Describe how decisions about how a media artwork is presented are connected to what the student wants to express, evoke, or communicate.
- **F.MA.Co.10:** Synthesize and relate knowledge and personal experiences to make art. Describe what has influenced changes in one's own artistic style and preferences in media arts.
- **F.MA.Co.11:** Relate artistic ideas and works to societal, cultural and historical contexts to deepen understanding. Identify the connections between historical and cultural context and defining stylistic elements of multiple media artworks
- **P.MA.P.05:** Develop and refine artistic techniques and work for presentation. Contribute a work that explores a personally meaningful theme, idea, or concept to a media arts show (e.g., select work to include, develop feedback on presentation ideas).
- **A.MA.Cr.01:** - Generate and conceptualize artistic ideas and work. Generate original ideas that integrate aesthetic principles with individual personal style.
- **STEM**
- **HS.ESS.3.3:** Illustrate relationships among management of natural resources, the sustainability of human populations, and biodiversity. Clarification Statements: Examples of factors related to

the management of natural resources include costs of resource extraction and waste management, per capita consumption, and the development of new technologies. Examples of factors related to human sustainability include agricultural efficiency, levels of conservation, and urban planning. Examples of factors related to biodiversity include habitat use and fragmentation, and land and resource conservation.

- HS.ETS.1.2: Break a complex real-world problem into smaller, more manageable problems that each can be solved using scientific and engineering principles. *
- HS.ETS.1.3: Evaluate a solution to a complex real-world problem based on prioritized criteria and trade-offs that account for a range of constraints, including cost, safety, reliability, aesthetics, and maintenance, as well as social, cultural, and environmental impacts. *
- HS.ETS.1.6: Document and present solutions that include specifications, performance results, successes and remaining issues, and limitations. *

California

- **ELA**
- L.11-12.3: Apply knowledge of language to understand how language functions in different contexts, to make effective choices for meaning or style, and to comprehend more fully when reading or listening. a. Write and edit work so that it conforms to the guidelines in a style manual (e.g., MLA Handbook, Turabian's Manual for Writers) appropriate for the discipline and writing type.
- W.11-12.4: Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.
- WHST.11-12.6: Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
- W.11-12.4: Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.
- W.11-12.5: Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.
- Acc.MA:Cr2: Apply a personal aesthetic in designing, testing, and refining original artistic ideas, prototypes, and production strategies for media arts productions, considering artistic intentions, constraints of resources, and presentation context.
- Acc.MA:Pr5: a. Demonstrate effective command of artistic, design, technical and soft skills in managing and producing media artworks. b. Demonstrate creative, and innovative abilities, such as resisting closure and responsive use of failure, to effectively address sophisticated challenges within and through media arts productions.
- Acc.VA:Cr1.2: Choose from a range of materials and methods of traditional and contemporary artistic practices to plan works of art and design.
- **STEM**
- HS-ESS3-2: Illustrate relationships among management of natural resources, the sustainability of human populations, and biodiversity. Clarification Statements: Examples of factors related to the management of natural resources include costs of resource extraction and waste management, per capita consumption, and the development of new technologies. Examples of factors related to human sustainability include agricultural efficiency, levels of conservation, and urban planning. Examples of factors related to biodiversity include habitat use and fragmentation, and land and resource conservation.

- HS-ETS1-2: Design a solution to a complex real-world problem by breaking it down into smaller, more manageable problems that can be solved through engineering.
- HS-ETS1-3: Evaluate a solution to a complex real-world problem based on prioritized criteria and trade-offs that account for a range of constraints, including cost, safety, reliability, and aesthetics as well as possible social, cultural, and environmental impacts.

Stone Soup Leadership Institute

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