

**COURSE TITLE**

Science Fiction and Fantasy: Literature and Media

**LENGTH**

Half Year  
Grades 9, 10, 11, and/or 12

**DEPARTMENT**

English  
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**SCHOOL**

Rutherford High School

**DATE**

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# Science Fiction and Fantasy: Literature and Media

## I. Introduction/Overview/Philosophy

This semester long class will focus on the genres of Science Fiction and Fantasy. Science Fiction and Fantasy are two genres that require a willing suspension of disbelief to be enjoyed and appreciated. Writers mix and match aspects of these distinct genres to create amazing tales of super technological feats and magical powers as the result of advanced genetic engineering, wars with aliens who possess amazing telekinetic powers and worlds where communities are stricken and saved by unpredictable and unstoppable diseases. Science Fiction and Fantasy are predictions of the future and romanticism of the past. It is the place where we accept the illogical as logical, the unreasonable as reasonable, and open our minds to a plethora of possibilities.

Interdisciplinary curriculum coordination is possible with other departments of the school. Throughout the year, students may use resources from these departments in order to complete various assignments.

Science Fiction and Fantasy: Literature and Media is an elective. It does not fulfill the English graduation requirement.

## II. Objectives

### **Course Outline:**

- A. Genre Description and Information
  - a. Fantasy
  - b. Adventure
  - c. Science Fiction
- B. Grimm's Fairy Tales
  - a. Historical context
  - b. Author background
  - c. Analyze for content
  - d. Analyze for theme
- C. Beowulf
  - a. Historical context
  - b. Author background
  - c. Analyze for content
  - d. Analyze for theme
- D. Fellowship of the Ring
  - a. Historical context
  - b. Author background
  - c. Analyze for content
  - d. Analyze for theme
- E. A Wizard of Earthsea
  - a. Historical context
  - b. Author background
  - c. Analyze for content
  - d. Analyze for theme

- F. 2001: A Space Odyssey
  - a. Historical context
  - b. Author background
  - c. Analyze for content
  - d. Analyze for theme
- G. Brave New World
  - a. Historical context
  - b. Author background
  - c. Analyze for content
  - d. Analyze for theme

**Student Outcomes:**

After successfully completing this course, the student will be able to:

- Enhance their ability to understand, appreciate, and discuss works of science fiction and fantasy through extensive reading and discussion of short stories, novels and plays.
- Analyze works of science fiction and fantasy for plot structure, setting, characterization, theme, and narrative point of view.
- Develop an understanding of critical analysis of science fiction and fantasy through careful examination of adaptations of literary texts, focusing on character development, dramatic structure, and performance.
- Learn and utilize the terminology of science fiction and fantasy, both those terms shared with literary discussion (character, plot, theme, setting) and those specific to cinema (lighting, dialogue, special effects, etc.).
- Develop the ability to foresee the consequence of an action into the future, realistically or unrealistically.
- Demonstrate an understanding of the possibilities and problems involved in the transposition of literature to film, applying terminology and critical skills acquired during the semester to analyze a cinematic adaptation of a text not discussed in class.
- Analyze for the following themes:
  - Utopia/Dystopia
  - Limits of Humanity
  - Social Issues
    - Tolerance
    - Diversity
    - Gender/Class Relations
  - Hero's Journey
  - Morality and Ethics
  - Escapism
  - Coming of Age
  - Alienation
  - Identity Struggles
  - Gothicism
  - Romanticism

The standards define general, cross-disciplinary literacy expectations that must be met for students to be prepared to enter college and workforce training programs ready to succeed. The K–12 grade-specific standards define end-of-year expectations and a cumulative progression designed to enable students to meet college and career readiness expectations no later than the end of high school.

Students advancing through the grades are expected to meet each year’s grade-specific standards, retain or further develop skills and understandings mastered in preceding grades, and work steadily toward meeting the more general expectations described by the standards.

### **Anchor Standards for Reading**

#### **Key Ideas and Details**

NJSLSA.R1. Read closely to determine what the text says explicitly and to make logical inferences and relevant connections from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.

NJSLSA.R2. Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas.

NJSLSA.R3. Analyze how and why individuals, events, and ideas develop and interact over the course of a text.

#### **Craft and Structure**

NJSLSA.R4. Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone.

NJSLSA.R5. Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole.

NJSLSA.R6. Assess how point of view or purpose shapes the content and style of a text.

#### **Integration of Knowledge and Ideas**

NJSLSA.R7. Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively, as well as in words.

NJSLSA.R8. Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence.

NJSLSA.R9. Analyze and reflect on how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take.

NJSLSA.R10. Read and comprehend complex literary and informational texts independently and proficiently with scaffolding as needed.

### **Grades 11-12**

#### **Progress Indicators for Reading Literature**

**Key Ideas and Details**

RL.11-12.1. Cite strong and thorough textual evidence and make relevant connections to support analysis of what the text says explicitly as well as inferences drawn from the text, including determining where the text leaves matters uncertain.

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.11-12.3. Analyze the impact of the author's choices regarding how to develop and relate elements of a story or drama (e.g., where a story is set, how the action is ordered, how the characters are introduced and developed).

**Craft and Structure**

RL.11-12.4. Determine the meaning of words and phrases as they are used in the text, including figurative and connotative meanings; analyze the impact of specific word choices on meaning and tone, including words with multiple meanings or language that is particularly fresh, engaging, or beautiful. (e.g., Shakespeare as well as other authors.)

RL.11-12.5. Analyze how an author's choices concerning how to structure specific parts of a text (e.g., the choice of where to begin or end a story, the choice to provide a comedic or tragic resolution) contribute to its overall structure and meaning as well as its aesthetic impact.

RL.11-12.6. Analyze a case in which grasping a point of view requires distinguishing what is directly stated in a text from what is really meant (e.g., satire, sarcasm, irony, or understatement).

**Integration of Knowledge and Ideas**

RL.11-12.7. Analyze multiple interpretations of a story, drama, or poem (e.g., recorded or live production of a play or recorded novel or poetry), evaluating how each version interprets the source text. (e.g., Shakespeare and other authors.)

RL.11-12.8. (Not applicable to literature)

RL.11-12.9. Demonstrate knowledge of and reflect on (e.g. practical knowledge, historical/cultural context, and background knowledge) eighteenth-, nineteenth- and early twentieth-century foundational works of literature, including how two or more texts from the same period treat similar themes or topics.

**Range of Reading and Level of Text Complexity**

RL.11-12.10. By the end of grade 11, read and comprehend literature, including stories, dramas, and poems at grade level text-complexity or above with scaffolding as needed.

By the end of grade 12, read and comprehend literature, including stories, dramas, and poems, at grade level or above.

**Grades 11-12**

**Progress Indicators for Reading Informational Text****Key Ideas and Details**

RI.11-12.1. Accurately cite strong and thorough textual evidence, (e.g., via discussion, written response, etc.), to support analysis of what the text says explicitly as well as inferentially, including determining where the text leaves matters uncertain.

RI.11-12.2. Determine two or more central ideas of a text, and analyze their development and how they interact to provide a complex analysis; provide an objective summary of the text.

RI.11-12.3. Analyze a complex set of ideas or sequence of events and explain how specific individuals, ideas, or events interact and develop over the course of the text.

**Craft and Structure**

RI.11-12.4. Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze how an author uses and refines the meaning of a key term or terms over the course of a text (e.g., how Madison defines faction in Federalist No. 10).

RI.11-12.5. Analyze and evaluate the effectiveness of the structure an author uses in his or her exposition or argument, including whether the structure makes points clear, convincing, and engaging.

RI.11-12.6. Determine an author's point of view or purpose in a text in which the rhetoric is particularly effective, analyzing how style and content contribute to the power, persuasiveness or beauty of the text.

**Integration of Knowledge and Ideas**

RI.11-12.7. Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.

RI.11-12.8. Describe and evaluate the reasoning in seminal U.S. and global texts, including the application of constitutional principles and use of legal reasoning (e.g., in U.S. Supreme Court majority opinions and dissents) and the premises, purposes, and arguments in works of public advocacy (e.g., *The Federalist*, presidential addresses).

RI.11-12.9. Analyze and reflect on (e.g. practical knowledge, historical/cultural context, and background knowledge) documents of historical and literary significance for their themes, purposes and rhetorical features, including primary source documents relevant to U.S. and/or global history.

**Range of Reading and Level of Text Complexity**

RI.11-12.10. By the end of grade 11, read and comprehend literary nonfiction at grade level text-complexity or above with scaffolding as needed.

By the end of grade 12, read and comprehend literary nonfiction at grade level text-complexity or above.

**Anchor Standards for Writing****Text Types and Purposes**

NJSLSA.W1. Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.

NJSLSA.W2. Write informative/explanatory texts to examine and convey complex ideas and information clearly and accurately through the effective selection, organization, and analysis of content.

NJSLSA.W3. Write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences.

### **Production and Distribution of Writing**

NJSLSA.W4. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

NJSLSA.W5. Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach.

NJSLSA.W6. Use technology, including the Internet, to produce and publish writing and to interact and collaborate with others.

### **Research to Build and Present Knowledge**

NJSLSA.W7. Conduct short as well as more sustained research projects, utilizing an inquiry-based research process, based on focused questions, demonstrating understanding of the subject under investigation.

NJSLSA.W8. Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism.

NJSLSA.W9. Draw evidence from literary or informational texts to support analysis, reflection, and research.

### **Range of Writing**

NJSLSA.W10. 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 tasks, purposes, and audiences.

**Grades 11-12****Progress Indicators for Writing*****Text Types and Purposes***

W.11-12.1. Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.

- A. Introduce precise, knowledgeable claim(s), establish the significance of the claim(s), distinguish the claim(s) from alternate or opposing claims, and create an organization that logically sequences claim(s), counterclaims, reasons, and evidence.
- B. Develop claim(s) and counterclaims avoiding common logical fallacies and using sound reasoning 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.
- C. Use transitions (e.g. words, phrases, clauses) to link the major sections of the text, create cohesion, and clarify the relationships between claim(s) and reasons, between reasons and evidence, and between claim(s) and counterclaims.
- D. Establish and maintain a style and tone appropriate to the audience and purpose (e.g. formal and objective for academic writing) while attending to the norms and conventions of the discipline in which they are writing.
- E. Provide a concluding paragraph or section that supports the argument presented (e.g., articulating implications or the significance of the topic).

W.11-12.2. Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.

- 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 formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.
- B. Develop the topic thoroughly by selecting the most significant and relevant facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.
- C. Use appropriate and varied transitions and syntax to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.
- D. Use precise language, domain-specific vocabulary, and techniques such as metaphor, simile, and analogy to manage the complexity of the topic.
- E. Establish and maintain a style and tone appropriate to the audience and purpose (e.g. formal and objective for academic writing) while attending to the norms and conventions of the discipline in which they are writing.
- F. Provide a concluding paragraph or section that supports the argument presented (e.g., articulating implications or the significance of the topic).

W.11-12.3. Write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences.

- A. Engage and orient the reader by setting out a problem, situation, or observation and its significance, establishing one or multiple point(s) of view, and introducing a narrator and/or characters; create a smooth progression of experiences or events.
- B. Use narrative techniques, such as dialogue, pacing, description, reflection, and multiple plot lines, to develop experiences, events, and/or characters.



- C. Use a variety of techniques to sequence events so that they build on one another to create a coherent whole and build toward a particular tone and outcome (e.g., a sense of mystery, suspense, growth, or resolution).
- D. Use precise words and phrases, telling details, and sensory language to convey a vivid picture of the experiences, events, setting, and/or characters.
- E. Provide a conclusion that follows from and reflects on what is experienced, observed, or resolved over the course of the narrative.

### ***Production and Distribution of Writing***

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 standards 1–3 above.)

W.11-12.5. Develop and strengthen writing as needed by planning, revising, editing, rewriting, trying a new approach, or consulting a style manual (such as MLA or APA Style), focusing on addressing what is most significant for a specific purpose and audience.

W.11-12.6. Use technology, including the Internet, to produce, share, and update individual or shared writing products in response to ongoing feedback, including new arguments or information.

### ***Research to Build and Present Knowledge***

W.11-12.7. Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.

W.11-12.8. Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation. (MLA or APA Style Manuals).

W.11-12.9. Draw evidence from literary or informational texts to support analysis, reflection, and research.

- A. Apply *grades 11–12 Reading standards* to literature (e.g., “Demonstrate knowledge of eighteenth-, nineteenth- and early-twentieth-century foundational works, including how two or more texts from the same period treat similar themes or topics”).
- B. Apply *grades 11–12 Reading standards to literary nonfiction* (e.g., “Delineate and evaluate the reasoning in seminal texts, including the application of constitutional principles and use of legal reasoning [e.g., in U.S. Supreme Court Case majority opinions and dissents] and the premises, purposes, and arguments in works of public advocacy [e.g., *The Federalist*, presidential addresses]”).

### ***Range of Writing***

W.11-12.10. 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 tasks, purposes.

**Anchor Standards for Speaking and Listening****Comprehension and Collaboration**

NJSLSA.SL1. Prepare for and participate effectively in a range of conversations and collaborations with diverse partners, building on others' ideas and expressing their own clearly and persuasively.

NJSLSA.SL2. Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally.

NJSLSA.SL3. Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric.

**Presentation of Knowledge and Ideas**

NJSLSA.SL4. Present information, findings, and supporting evidence such that listeners can follow the line of reasoning and the organization, development, and style are appropriate to task, purpose, and audience.

NJSLSA.SL5. Make strategic use of digital media and visual displays of data to express information and enhance understanding of presentations.

NJSLSA.SL6. Adapt speech to a variety of contexts and communicative tasks, demonstrating command of formal English when indicated or appropriate.

**Grades 11-12****Progress Indicators for Speaking and Listening*****Comprehension and Collaboration***

SL.11-12.1. Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with peers on *grades 11–12 topics, texts, and issues*, building on others' ideas and expressing their own clearly and persuasively.

- A. Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well reasoned exchange of ideas.
- B. Collaborate with peers to promote civil, democratic discussions and decision-making, set clear goals and assessments (e.g. student developed rubrics), and establish individual roles as needed.
- C. Propel conversations by posing and responding to questions that probe reasoning and evidence; ensure a hearing for a full range of positions on a topic or issue; clarify, verify, or challenge ideas and conclusions; and promote divergent and creative perspectives.
- D. Respond thoughtfully to diverse perspectives; synthesize comments, claims, and evidence made on all sides of an issue; resolve contradictions when possible; and determine what additional information or research is required to deepen the investigation or complete the task.

SL.11-12.2. Integrate multiple sources of information presented in diverse media or formats (e.g., visually, quantitatively, qualitatively, orally) evaluating the credibility and accuracy of each source.

SL.11-12.3. Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among ideas, word choice, points of emphasis, and tone used.

***Presentation of Knowledge and Ideas***

SL.11-12.4 Present information, findings and supporting evidence clearly, concisely, and logically. The content, organization, development, and style are appropriate to task, purpose, and audience.

SL.11-12.5. Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.

SL.11-12.6. Adapt speech to a variety of contexts and tasks, demonstrating a command of formal English when indicated or appropriate.

**Anchor Standards for Language****Conventions of Standard English**

NJSLSA.L1. Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.

NJSLSA.L2. Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.

**Knowledge of Language**

NJSLSA.L3. 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.

**Vocabulary Acquisition and Use**

NJSLSA.L4. Determine or clarify the meaning of unknown and multiple-meaning words and phrases by using context clues, analyzing meaningful word parts, and consulting general and specialized reference materials, as appropriate.

NJSLSA.L5. Demonstrate understanding of word relationships and nuances in word meanings.

NJSLSA.L6. Acquire and use accurately a range of general academic and domain-specific words and phrases sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when encountering an unknown term important to comprehension or expression.

**Grades 11-12****Progress Indicators for Language****Conventions of Standard English**

L.11-12.1. Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.

- A. Apply the understanding that usage is a matter of convention, can change over time, and is sometimes contested.

L.11-12.2. Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.

- A. Observe hyphenation conventions.
- B. Spell correctly.

**Knowledge of Language**

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. Vary syntax for effect, apply an understanding of syntax to the study of complex texts.

L.11-12.4. Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on *grades 11–12 reading and content*, choosing flexibly from a range of strategies.

- A. Use context (e.g., the overall meaning of a sentence, paragraph, or text; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.
- B. Identify and correctly use patterns of word changes that indicate different meanings or parts of speech (e.g., *conceive, conception, conceivable*).
- C. Consult general and specialized reference materials (e.g., dictionaries, glossaries, thesauruses), both print and digital, to find the pronunciation of a word or determine or clarify its precise meaning, its part of speech, its etymology, or its standard usage.
- D. Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).

L.11-12.5. Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.

- A. Interpret figures of speech (e.g., hyperbole, paradox) in context and analyze their role in the text.
- B. Analyze nuances in the meaning of words with similar denotations.

L.11-12.6. Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.

**COMPANION STANDARDS FOR HISTORY, SOCIAL STUDIES, AND TECHNICAL SUBJECTS****History, Social Studies, Science and Technical Subjects  
Grade 11-12****Anchor Standards for Reading****Key Ideas and Details**

NJSLSA.R1. Read closely to determine what the text says explicitly and to make logical inferences and relevant connections from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.

NJSLSA.R2. Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas.

NJSLSA.R3. Analyze how and why individuals, events, and ideas develop and interact over the course of a text.

**Craft and Structure**

NJSLSA.R4. Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone.

NJSLSA.R5. Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole.

NJSLSA.R6. Assess how point of view or purpose shapes the content and style of a text.

**Integration of Knowledge and Ideas**

NJSLSA.R7. Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively, as well as in words.

NJSLSA.R8. Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence.

NJSLSA.R9. Analyze and reflect on how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take.

NJSLSA.R10. Read and comprehend complex literary and informational texts independently and proficiently with scaffolding as needed.

**Grades 11-12****Progress Indicators for Reading History**

The standards below begin at grade 6; standards for K-5 reading in history/social studies, science, and technical subjects are integrated into the K-5 Reading standards. The anchor standards and high school standards in literacy work in tandem to define college and career readiness expectations—the former providing broad standards, the latter providing additional specificity.

**Key Ideas and Details**

RH.11-12.1. Accurately cite strong and thorough textual evidence, (e.g., via discussion, written response, etc.), to support analysis of primary and secondary sources, connecting insights gained from specific details to develop an understanding of the text as a whole.

RH.11-12.2. Determine the theme, central ideas, information and/or perspective(s) presented in a primary or secondary source; provide an accurate summary of how key events, ideas and/or author's perspective(s) develop over the course of the text.

RH.11-12.3. Evaluate various perspectives for actions or events; determine which explanation best accords with textual evidence, acknowledging where the text leaves matters uncertain.

**Craft and Structure**

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).

RH.11-12.5. Analyze in detail how a complex primary source is structured, including how key sentences, paragraphs, and larger portions of the text contribute to the whole.

RH.11-12.6. Evaluate authors' differing perspectives on the same historical event or issue by assessing the authors' claims, reasoning, and evidence.

**Integration of Knowledge and Ideas**

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.

RH.11-12.8. Evaluate an author's claims, reasoning, and evidence by corroborating or challenging them with other sources.

RH.11-12.9. Integrate information from diverse sources, both primary and secondary, into a coherent understanding of an idea or event, noting discrepancies among sources.

**Range of Reading and Level of Text Complexity**

RH.11-12.10. By the end of grade 12, read and comprehend history/social studies texts in the grades 11-CCR text complexity band independently and proficiently.

**Grades 11-12****Progress Indicators for Reading Science and Technical Subjects**

The standards below begin at grade 6; standards for K-5 reading in history/social studies, science, and technical subjects are integrated into the K-5 Reading standards. The anchor standards and high school standards in literacy work in tandem to define college and career readiness expectations—the former providing broad standards, the latter providing additional specificity.

**Key Ideas and Details**

RST.11-12.1. Accurately cite strong and thorough evidence from the text to support analysis of science and technical texts, attending to precise details for explanations or descriptions.

RST.11-12.2. Determine the central ideas, themes, or conclusions of a text; summarize complex concepts, processes, or information presented in a text by paraphrasing them in simpler but still accurate terms.

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.

**Craft and Structure**

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*.

RST.11-12.5. Analyze how the text structures information or ideas into categories or hierarchies, demonstrating understanding of the information or ideas.

RST.11-12.6. Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, identifying important issues that remain unresolved.

**Integration of Knowledge and Ideas**

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.

RST.11-12.8. Evaluate the hypotheses, data, analysis, and conclusions in a science or technical text, verifying the data when possible and corroborating or challenging conclusions with other sources of information.

RST.11-12.9. Synthesize information from a range of sources (e.g., texts, experiments, simulations) into a coherent understanding of a process, phenomenon, or concept, resolving conflicting information when possible.

**Range of Reading and Level of Text Complexity**

RST.11-12.10. By the end of grade 12, read and comprehend science/technical texts in the grades 11-CCR text complexity band independently and proficiently.



### **Anchor Standards for Writing**

The standards below begin at grade 6; standards for K-5 writing in history/social studies, science, and technical subjects are integrated into the K-5 Writing standards. The CCR anchor standards and high school standards in literacy work in tandem to define college and career readiness expectations—the former providing broad standards, the latter providing additional specificity.

#### **Text Types and Purposes**

NJSLSA.W1. Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.

NJSLSA.W2. Write informative/explanatory texts to examine and convey complex ideas and information clearly and accurately through the effective selection, organization, and analysis of content.

NJSLSA.W3. Write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences.

#### **Production and Distribution of Writing**

NJSLSA.W4. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

NJSLSA.W5. Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach.

NJSLSA.W6. Use technology, including the Internet, to produce and publish writing and to interact and collaborate with others.

#### **Research to Build and Present Knowledge**

NJSLSA.W7. Conduct short as well as more sustained research projects, utilizing an inquiry-based research process, based on focused questions, demonstrating understanding of the subject under investigation.

NJSLSA.W8. Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism.

NJSLSA.W9. Draw evidence from literary or informational texts to support analysis, reflection, and research.

#### **Range of Writing**

NJSLSA.W10. 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 tasks, purposes, and audiences.

**Grades 11-12****Progress Indicators for Writing History, Science and Technical Subjects**

The standards below begin at grade 6; standards for K-5 writing in history/social studies, science, and technical subjects are integrated into the K-5 Writing standards. The anchor standards and high school standards in literacy work in tandem to define college and career readiness expectations—the former providing broad standards, the latter providing additional specificity.

**Text Types and Purposes**

WHST.11-12.1. Write arguments focused on *discipline-specific content*.

- A. Introduce precise, knowledgeable claim(s), establish the significance of the claim(s), distinguish the claim(s) from alternate or opposing claims, and create an organization that logically sequences the claim(s), counterclaims, reasons, and evidence.
- B. Develop claim(s) and counterclaims using sound reasoning and thoroughly, supplying the most relevant data and evidence for each while pointing out the strengths and limitations of both claim(s) and counterclaims in a discipline appropriate form that anticipates the audience’s knowledge level, concerns, values, and possible biases.
- C. Use transitions (e.g. words, phrases, clauses) to link the major sections of the text, create cohesion, and clarify the relationships between claim(s) and reasons, between reasons and evidence, and between claim(s) and counterclaims.
- D. Establish and maintain a style and tone appropriate to the audience and purpose (e.g. formal and objective for academic writing) while attending to the norms and conventions of the discipline in which they are writing.
- E. Provide a concluding paragraph or section that supports the argument presented.

WHST.11-12.2. Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes.

- A. Introduce a topic and organize complex ideas, concepts, and information so that each new element builds on that which precedes it to create a unified whole; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.
- B. Develop the topic thoroughly by selecting the most significant and relevant facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience’s knowledge of the topic.
- C. Use varied transitions and sentence structures to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.
- D. Use precise language, domain-specific vocabulary and techniques such as metaphor, simile, and analogy to manage the complexity of the topic; convey a knowledgeable stance in a style that responds to the discipline and context as well as to the expertise of likely readers.
- E. Provide a concluding paragraph or section that supports the argument presented.

WHST.11-12.3

(See note; not applicable as a separate requirement)

**Production and Distribution of Writing**

WHST.11-12.4. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

WHST.11-12.5. 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.

WHST.11-12.6. Use technology, including the Internet, to produce, share, and update writing products in response to ongoing feedback, including new arguments or information.

**Research to Build and Present Knowledge**

WHST.11-12.7. Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.

WHST.11-12.8. Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the specific task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation.

WHST.11-12.9. Draw evidence from informational texts to support analysis, reflection, and research.

**Range of Writing**

WHST.11-12.10. Write routinely over extended time frames (time for 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.

**21ST CENTURY LIFE AND CAREERS**  
**CAREER READY PRACTICES*****CRP1 Act as a responsible and contributing citizen and employee***

Career-ready individuals understand the obligations and responsibilities of being a member of a community, and they demonstrate this understanding every day through their interactions with others. They are conscientious of the impacts of their decisions on others and the environment around them. They think about the near-term and long-term consequences of their actions and seek to act in ways that contribute to the betterment of their teams, families, community and workplace. They are reliable and consistent in going beyond the minimum expectation and in participating in activities that serve the greater good.

***CRP2 Apply appropriate academic and technical skills***

Career-ready individuals readily access and use the knowledge and skills acquired through experience and education to be more productive. They make connections between abstract concepts with real-world applications, and they make correct insights about when it is appropriate to apply the use of an academic skill in a workplace situation

***CRP3 Attend to personal health and financial well-being***

Career-ready individuals understand the relationship between personal health, workplace performance and personal well-being; they act on that understanding to regularly practice healthy diet, exercise and mental health activities. Career-ready individuals also take regular action to contribute to their personal financial wellbeing, understanding that personal financial security provides the peace of mind required to contribute more fully to their own career success.

***CRP4 Communicate clearly and effectively and with reason.***

Career-ready individuals communicate thoughts, ideas, and action plans with clarity, whether using written, verbal, and/or visual methods. They communicate in the workplace with clarity and purpose to make maximum use of their own and others' time. They are excellent writers; they master conventions, word choice, and organization, and use effective tone and presentation skills to articulate ideas. They are skilled at interacting with others; they are active listeners and speak clearly and with purpose. Career-ready individuals think about the audience for their communication and prepare accordingly to ensure the desired outcome.

***CRP5 Consider the environmental, social and economic impacts of decisions.***

Career-ready individuals understand the interrelated nature of their actions and regularly make decisions that positively impact and/or mitigate negative impact on other people, organization, and the environment. They are aware of and utilize new technologies, understandings, procedures, materials, and regulations affecting the nature of their work as it relates to the impact on the social condition, the environment and the profitability of the organization.

***CRP6 Demonstrate creativity and innovation***

Career-ready individuals regularly think of ideas that solve problems in new and different ways, and they contribute those ideas in a useful and productive manner to improve their organization. They can consider unconventional ideas and suggestions as solutions to issues, tasks or problems, and they discern which ideas and suggestions will add greatest value. They seek new methods, practices, and ideas from a variety of sources and seek to apply those ideas to their own workplace. They take action on their ideas and understand how to bring innovation to an organization.

***CRP7 Employ valid and reliable research strategies***

Career-ready individuals are discerning in accepting and using new information to make decisions, change practices or inform strategies. They use reliable research process to search for new information. They evaluate the validity of sources when considering the use and adoption of external information or practices in their workplace situation.

***CRP8 Utilize critical thinking to make sense of problems and persevere in solving them***

Career-ready individuals readily recognize problems in the workplace, understand the nature of the problem, and devise effective plans to solve the problem. They are aware of problems when they occur and take action quickly to address the problem; they thoughtfully investigate the root cause of the problem prior to introducing solutions. They carefully consider the options to solve the problem. Once a solution is agreed upon, they follow through to ensure the problem is solved, whether through their own actions or the actions of others.

***CRP9 Model integrity, ethical leadership and effective management***

Career-ready individuals consistently act in ways that align personal and community-held ideals and principles while employing strategies to positively influence others in the workplace. They have a clear understanding of integrity and act on this understanding in every decision. They use a variety of means to positively impact the directions and actions of a team or organization, and they apply insights into human behavior to change others' action, attitudes and/or beliefs. They recognize the near-term and long-term effects that management's actions and attitudes can have on productivity, morals and organizational culture.

***CRP10 Plan education and career paths aligned to personal goals***

Career-ready individuals take personal ownership of their own education and career goals, and they regularly act on a plan to attain these goals. They understand their own career interests, preferences, goals, and requirements. They have perspective regarding the pathways available to them and the time, effort, experience and other requirements to pursue each, including a path of entrepreneurship. They recognize the value of each step in the education and experiential process, and they recognize that nearly all career paths require ongoing education and experience. They seek counselors, mentors, and other experts to assist in the planning and execution of career and personal goals.

***CRP11 Use technology to enhance productivity***

Career-ready individuals find and maximize the productive value of existing and new technology to accomplish workplace tasks and solve workplace problems. They are flexible and adaptive in acquiring new technology. They are proficient with ubiquitous technology applications. They understand the inherent risks-personal and organizational-of technology applications, and they take actions to prevent or mitigate these risks.

***CRP12 Work productively in teams while using cultural global competence***

Career-ready individuals positively contribute to every team, whether formal or informal. They apply an awareness of cultural difference to avoid barriers to productive and positive interaction. They find ways to increase the engagement and contribution of all team members. They plan and facilitate effective team meetings.

**TECHNOLOGY STANDARDS**

**STANDARD 8.1: EDUCATIONAL TECHNOLOGY: ALL STUDENTS WILL USE DIGITAL TOOLS TO ACCESS, MANAGE, EVALUATE, AND SYNTHESIZE INFORMATION IN ORDER TO SOLVE PROBLEMS INDIVIDUALLY AND COLLABORATE AND TO CREATE AND COMMUNICATE KNOWLEDGE.**

**A. Technology Operations and Concepts:** *Students demonstrate a sound understanding of technology concepts, systems and operations.*

8.1.12.A.1 - Create a personal digital portfolio which reflects personal and academic interests, achievements, and career aspirations by using a variety of digital tools and resources.

8.1.12.A.2 - Produce and edit a multi-page digital document for a commercial or professional audience and present it to peers and/or professionals in that related area for review.

8.1.12.A.3 - Collaborate in online courses, learning communities, social networks or virtual worlds to discuss a resolution to a problem or issue.

8.1.12.A.4 - Construct a spreadsheet workbook with multiple worksheets, rename tabs to reflect the data on the worksheet, and use mathematical or logical functions, charts and data from all worksheets to convey the results.

8.1.12.A.5 - Create a report from a relational database consisting of at least two tables and describe the process, and explain the report results.

**B. Creativity and Innovation:** *Students demonstrate creative thinking, construct knowledge and develop innovative products and process using technology.*

8.1.12.B.2 - Apply previous content knowledge by creating and piloting a digital learning game or tutorial.

**C. Communication and Collaboration:** *Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.*

8.1.12.C.1 - Develop an innovative solution to a real world problem or issue in collaboration with peers and experts, and present ideas for feedback through social media or in an online community.

**D. Digital Citizenship:** *Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior.*

8.1.12.D.1 - Demonstrate appropriate application of copyright, fair use and/or Creative Commons to an original work.

8.1.12.D.2 - Evaluate consequences of unauthorized electronic access (e.g., hacking) and disclosure, and on dissemination of personal information.

8.1.12.D.3 - Compare and contrast policies on filtering and censorship both locally and globally.

8.1.12.D.4 - Research and understand the positive and negative impact of one's digital footprint.

8.1.12.D.5 - Analyze the capabilities and limitations of current and emerging technology resources and assess their potential to address personal, social, lifelong learning, and career needs.

**E: Research and Information Fluency:** *Students apply digital tools to gather, evaluate, and use information.*

8.1.12.E.1 - Produce a position statement about a real world problem by developing a systematic plan of investigation with peers and experts synthesizing information from multiple sources.

8.1.12.E.2 - Research and evaluate the impact on society of the unethical use of digital tools and present your research to peers.

**F: Critical thinking, problem solving, and decision making:** *Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources.*

8.1.12.F.1 - Evaluate the strengths and limitations of emerging technologies and their impact on educational, career, personal and or social needs.

### **TECHNOLOGY STANDARDS**

**STANDARD 8.2: TECHNOLOGY EDUCATION, ENGINEERING, DESIGN, AND COMPUTATIONAL THINKING – PROGRAMMING: ALL STUDENTS WILL DEVELOP AN UNDERSTANDING OF THE NATURE AND IMPACT OF TECHNOLOGY, ENGINEERING, TECHNOLOGICAL DESIGN, COMPUTATIONAL THINKING, AND THE DESIGNED WORLD AS THEY RELATE TO THE INDIVIDUAL, GLOBAL SOCIETY, AND THE ENVIRONMENT.**

**A. The Nature of Technology: Creativity and Innovation** *Technology systems impact every aspect of the world in which we live.*

8.2.12.A.1 - Propose an innovation to meet future demands supported by an analysis of the potential full costs, benefits, trade-offs and risks, related to the use of the innovation.

8.2.12.A.2 - Analyze a current technology and the resources used, to identify the trade-offs in terms of availability, cost, desirability and waste.

8.2.12.A.3 - Research and present information on an existing technological product that has been repurposed for a different function.

**B. Technology and Society:** *Knowledge and understanding of human, cultural and societal values are fundamental when designing technological systems and products in the global society.*

8.2.12.B.1 - Research and analyze the impact of the design constraints (specifications and limits) for a product or technology driven by a cultural, social, economic or political need and publish for review.

8.2.12.B.2 - Evaluate ethical considerations regarding the sustainability of environmental resources that are used for the design, creation and maintenance of a chosen product.

8.2.12.B.3 - Analyze ethical and unethical practices around intellectual property rights as influenced by human wants and/or needs.

8.2.12.B.4 - Investigate a technology used in a given period of history, e.g., stone age, industrial revolution or information age, and identify their impact and how they may have changed to meet human needs and wants.

8.2.12.B.5 - Research the historical tensions between environmental and economic considerations as driven by human needs and wants in the development of a technological product, and present the competing viewpoints to peers for review.

**C. Design:** *The design process is a systematic approach to solving problems.*

8.2.12.C.1 - Explain how open source technologies follow the design process.

8.2.12.C.2 - Analyze a product and how it has changed or might change over time to meet human needs and wants.

8.2.12.C.3 - Analyze a product or system for factors such as safety, reliability, economic considerations, quality control, environmental concerns, manufacturability, maintenance and repair, and human factors engineering (ergonomics).

8.2.12.C.4 - Explain and identify interdependent systems and their functions.

8.2.12.C.5 - Create scaled engineering drawings of products both manually and digitally with materials and measurements labeled.

8.2.12.C.6 - Research an existing product, reverse engineer and redesign it to improve form and function.

8.2.12.C.7 - Use a design process to devise a technological product or system that addresses a global problem, provide research, identify trade-offs and constraints, and document the process through drawings that include data and materials.

**D. Abilities for a Technological World:** *The designed world is the product of a design process that provides the means to convert resources into products and systems.*

8.2.12.D.1 - Design and create a prototype to solve a real world problem using a design process, identify constraints addressed during the creation of the prototype, identify trade-offs made, and present the solution for peer review.

8.2.12.D.2 - Write a feasibility study of a product to include: economic, market, technical, financial, and management factors, and provide recommendations for implementation.

8.2.12.D.3 - Determine and use the appropriate resources (e.g., CNC (Computer Numerical Control) equipment, 3D printers, CAD software) in the design, development and creation of a technological product or system.

8.2.12.D.4 - Assess the impacts of emerging technologies on developing countries.

8.2.12.D.5 - Explain how material processing impacts the quality of engineered and fabricated products.



8.2.12.D.6 - Synthesize data, analyze trends and draw conclusions regarding the effect of a technology on the individual, society, or the environment and publish conclusions.

**E. Computational Thinking: Programming:** *Computational thinking builds and enhances problem solving, allowing students to move beyond using knowledge to creating knowledge.*

8.2.12.E.1 - Demonstrate an understanding of the problem-solving capacity of computers in our world.

8.2.12.E.2 - Analyze the relationships between internal and external computer components.

8.2.12.E.3 - Use a programming language to solve problems or accomplish a task (e.g., robotic functions, website designs, applications, and games).

8.2.12.E.4 - Use appropriate terms in conversation (e.g., troubleshooting, peripherals, diagnostic software, GUI, abstraction, variables, data types and conditional statements).

**21ST CENTURY LIFE AND CAREERS**

**STANDARD 9.2: CAREER AWARENESS, EXPLORATION, AND PREPARATION**

9.2.12.C.1 – Review career goals and determine steps necessary for attainment.

9.2.12.C.2 – Modify Personalized Student Learning Plans to support declared career goals.

9.2.12.C.3 – Identify transferable career skills and design alternate career plans.

9.2.12.C.4 – Analyze how economic conditions and societal changes influence employment trends and future education.

9.2.12.C.5 – Research career opportunities in the United States and abroad that require knowledge of world languages and diverse cultures.

9.2.12.C.6 – Investigate entrepreneurship opportunities as options for career planning and identify the knowledge, skills, abilities, and resources required for owning and managing a business.

9.2.12.C.7 – Examine the professional, legal, and ethical responsibilities for both employers and employees in the global workplace.

9.2.12.C.8 – Assess the impact of litigation and court decisions on employment laws and practices.

9.2.12.C.9 – Analyze the correlation between personal and financial behavior and employability.

### **III. Proficiency Levels**

Science Fiction and Fantasy: Literature and Media is designed for students in grades 9-12. No prerequisite is required.

### **IV. Methods of Assessment**

#### **Student Assessment**

- A variety of assessments will be provided including, but not limited to, the following items:
  - Tests
  - Quizzes
  - Homework
  - Classwork
  - Class Participation
  - Writing Assignments
  - Oral Presentations
  - Individual Projects, Presentations and Reports
  - Group Projects, Presentations and Reports
  - Technology Projects
  - Journals
  - Sample/Practice Standardized Tests

#### **Curriculum/Teacher Assessment**

The teacher will provide the subject area supervisor with suggestions for changes on an ongoing basis.

### **V. Grouping**

Science Fiction and Fantasy: Literature and Media is a heterogeneously grouped class for students in grades 9-12; therefore, no level placement criteria apply to this course.

### **VI. Articulation/Scope & Sequence/Time Frame**

Science Fiction and Fantasy: Literature and Media is a one-semester course open to students in grades 9, 10, 11, and/or 12.

### **VII. Resources**

#### ***Texts/Supplemental Reading/References***

- Internet articles and various websites
  - Students are encouraged to use print materials from the Internet on various topics related to Science Fiction and Fantasy selections that can enhance the curriculum with the approval of the administration.

- Technology
  - Students are expected to use technological equipment in order to produce a research essay approved by the teacher. Students also encouraged to make full use of technological resources for research-based projects and to supplement the literature and articles read in class.
- Supplies/Materials
  - Students must have abundant access to print media, electronic media and the Internet. DVDs are to be used with teacher discretion.
- Texts
  - Some of the literature we will study may include, but is not limited to the following works:
    - *2001: A Space Odyssey* – Arthur C. Clarke
    - *Brave New World* – Aldus Huxley
    - *Fellowship of the Ring* – J.R.R. Tolkien
    - *A Wizard of Earthsea* – Ursula Le Guin
    - “On Fairy Stories” – J.R.R. Tolkien
- Supplemental Readings
  - Supplemental readings may consist of any media related to course content to be used with teacher discretion and/or supervisor approval.

### VIII. Suggested Activities

- Students will read the assigned novels and write literature responses on a regular basis.
- Students will utilize and improve their research and writing skills through several unit projects.
- Students will be required to participate in class debates and discussions regarding, specifically, the essential questions and concepts for the course.
  - Where do Science Fiction and Fantasy literature fit into our education?
  - How do our choices today affect the world of tomorrow?
  - What role will current technologies play in the future?
  - Can reading be fun, worthwhile, and educational at the same time?

### IX. Methodologies

A wide variety of methodologies will be used. The following are suggestions, not limitations, as to how the program may be implemented and facilitated. Codes refer to the New Jersey Student Learning Standards for 21<sup>st</sup> Century Life and Careers – Career Ready Practices (2014).

- Cooperative learning groups CRP1, CRP4, CRP5, CRP6, CRP8, CRP9, CRP12
- Differentiated instruction methods CRP2, CRP6, CRP8, CRP10
- Workshop approach CRP1, CRP4, CRP5, CRP6, CRP8, CRP9, CRP12
- Individual assignments CRP2, CRP4
- Whole class instruction CRP2, CRP4
- Small group instruction CRP1, CRP4, CRP5, CRP6, CRP8, CRP9, CRP12
- Technology-aided instruction CRP2, CRP4, CRP8, CRP11
- Peer-to-peer instruction CRP1, CRP4, CRP9, CRP12

Career Ready Practices describe the career-ready skills that all educators in all content areas should seek to

develop in their students. They are practices that have been linked to increase college, career and life success. By end of grade 12, students will be able to:

- 9.2.12.C.1 – Review career goals and determine steps necessary for attainment.
- 9.2.12.C.2 – Modify Personalized Student Learning Plans to support declared career goals.
- 9.2.12.C.3 – Identify transferable career skills and design alternate career plans.
- 9.2.12.C.4 – Analyze how economic conditions and societal changes influence employment trends and future education.
- 9.2.12.C.5 – Research career opportunities in the United States and abroad that require knowledge of world languages and diverse cultures.
- 9.2.12.C.6 – Investigate entrepreneurship opportunities as options for career planning and identify the knowledge, skills, abilities, and resources required for owning and managing a business.
- 9.2.12.C.7 – Examine the professional, legal, and ethical responsibilities for both employers and employees in the global workplace.
- 9.2.12.C.8 – Assess the impact of litigation and court decisions on employment laws and practices.
- 9.2.12.C.9 – Analyze the correlation between personal and financial behavior and employability.

## **X. Interdisciplinary Connections**

Interdisciplinary curriculum coordination will be done with the other departments on a regular basis.

The nature of an English Language Course demands varied text types and genres. Students will be exposed to informational and literary texts that may encompass any of the following areas: art, history, music, science, mathematics, business, and/or technology. Throughout the year, students will use resources from these areas in their English Language Arts class(es). This course reinforces concepts taught in:

- Social Studies
- Humanities
- Psychology
- Mathematics
- Science
- Technology
- Appropriate and competent use of relevant websites and digital software and equipment 8.1.8
- Recording student performances/projects using appropriate audio, video, and /or photographic means to facilitate classroom critique of student growth and progress 8.1.8
- Presentation and exploration of related career possibilities 9.2.8
- Working in teams to create group based learning activities and projects CRP1
- Application of skills learned in class to project based activities CRP2

## **XI. Differentiating Instruction for Students with Special Needs: Students with Disabilities, Students at Risk, English Language Learners, and Gifted & Talented Students**

Differentiating instruction is a flexible process that includes the planning and design of instruction, how that instruction is delivered, and how student progress is measured. Teachers recognize that students can learn in multiple ways as they celebrate students' prior knowledge. By providing appropriately challenging learning, teachers can maximize success for all students.

Differentiating in this course includes but is not limited to:

*Differentiation for Support (ELL, Special Education, Students at Risk)*

- Peer mentoring on problems
- Differentiated teacher feedback on assignments
- Modelling out accounting problems on whiteboard
- Visual aids as we project problems on whiteboard
- Study guides
- Tiered assignments
- Scaffolding of materials and assignments
- Re-teaching and review
- Guided note taking
- Exemplars of varied performance levels
- Multi-media approach to accommodating various learning styles
- Use of visual and multi-sensory formats
- Use of assisted technology
- Use of prompts
- Modification of content and student products
- Testing accommodations
- Authentic assessments
- Pre-teaching of vocabulary and concepts
- Visual learning, including graphic organizers
- Use of cognates to increase comprehension
- Teacher modeling
- Pairing students with beginning English language skills with students who have more advanced English language skills
- Scaffolding
  - word walls
  - sentence frames
  - think-pair-share
  - cooperative learning groups
  - teacher think-alouds

*Differentiation for Enrichment*

- Supplemental reading material for independent study
- Flexible grouping
- Tiered assignments
- Topic selection by interest
- Enhanced expectations for independent study
- Elevated questioning techniques using Webb's Depth of Knowledge matrix
- Adjusting the pace of lessons
- Curriculum compacting
- Inquiry-based instruction
- Independent study
- Higher-order thinking skills
- Interest-based content

- Student-driven
- Real-world problems and scenarios

## **XII. Professional Development**

The teacher will continue to improve expertise through participation in a variety of professional development opportunities.

### XIII. Curriculum Map/Pacing Guide

Unit Topic	Time Allocated	Differentiating Instruction for Students with Disabilities, Students at Risk, English Language Learners, & Gifted & Talented Students	Standards	Assessments
<p><b>The Origins of Fantasy Literature</b></p> <p><i>Description of Unit:</i> - This unit has been designed to develop students' reading, writing, thinking, and language skills through exercises and activities related to The Origins of Fantasy Literature. Students will analyze the historical context of the genre, as well as the commentary and criticism that arise in the work. They will apply these analyses through various activities including groups projects, informal reaction papers, and formal writing assessments.</p>	4 Weeks	<p><b>For Support:</b> - Guided notes on each major section of the novel - Practice annotations through class discussion and modeling</p> <p><b>For Enhancement:</b> - Supplemental readings, including novels, short stories, and literary criticism of major Fantasy works</p>	<p><i>NJSLS – ELA:</i></p> <ul style="list-style-type: none"> <li>● NJSLSA.R1, NJSLSA.R2, NJSLSA.R3, NJSLSA.R7, NJSLSA.R8, NJSLSA.R10, RL.11-12.1, RL.11-12.2, RL.11-12.9, RI.11-12.2, RI.11-12, NJSLSA.W1, NJSLSA.W4, NJSLSA.W6, NJSLSA.W9, NJSLSA.SL3, NJSLSA.SL4, NJSLSA.L1, NJSLSA.L4,</li> </ul> <p><i>NJSLS – Companion:</i></p> <ul style="list-style-type: none"> <li>● RH.11-12.1, RH.11-12.4,</li> </ul>	<p><b>Formative Assessment:</b> - Group project on background information on the Fantasy genre - 2 Close Reading Passage Analyses: 1 – 2 paragraphs each - Multiple Socratic Seminars organized by major sections of the novel</p> <p><b>Summative Assessment:</b> - Formal Essay: 4 – 6 paragraph on a thematic question - Formal Test on Tolkien's works and influences</p>



Unit Topic	Time Allocated	Differentiating Instruction for Students with Disabilities, Students at Risk, English Language Learners, & Gifted & Talented Students	Standards	Assessments
<p><b>Materials in Unit:</b>                      - <i>Beowulf</i> – Unknown (excerpts)                      - <i>The Hero’s Journey</i> by Joseph Campbell (excerpts)                      - <i>On Fairy Stories</i> by J.R.R. Tolkien                      - <i>The Hobbit</i> by J.R.R. Tolkien (excerpts)                      - <i>The Fellowship of the Ring</i> by J.R.R. Tolkien                      - <i>The Fellowship of the Ring</i> movie by Peter Jackson (clips)</p> <p><b>Objective of Unit:</b>                      - Students will be able to identify various themes related to the fantasy genre, their purpose in context of the works, and how each author achieves each purpose through various literary techniques such as characterization, conflict,</p>			<p>NJSLSA.W5,                      NJSLSA.W7,                      RST.11-12.7</p> <p><i>21<sup>st</sup> Century Standards</i>  <i>CRP:</i></p> <ul style="list-style-type: none"> <li>● CRP2, CRP4, CRP 7, CRP11, CRP12</li> </ul> <p><i>Technology Standards</i>                      8.1:</p> <ul style="list-style-type: none"> <li>● 8.1.12.D.1, 8.1.12.E.1,</li> </ul> <p><i>Technology Standards</i>                      8.2:</p> <ul style="list-style-type: none"> <li>● 8.2.12.B.4, 8.2.12.B.5</li> </ul> <p><i>21<sup>st</sup> Century Standards</i>                      9.2:</p> <ul style="list-style-type: none"> <li>● 9.2.12.C.8</li> </ul>	

Unit Topic	Time Allocated	Differentiating Instruction for Students with Disabilities, Students at Risk, English Language Learners, & Gifted & Talented Students	Standards	Assessments
symbolism, setting, diction, etc. - Students will be able to identify and analyze various techniques utilized by fantasy authors to enhance their “world building” and how this enhances our appreciation for the work and the social commentary within it.				
Unit Topic	Time Allocated	Differentiating Instruction for Students with Disabilities, Students at Risk, English Language Learners, & Gifted & Talented Students	Standards	Assessments
<b>A Modern View of Fantasy</b> <i>Description of Unit:</i> - This unit has been designed to develop students' reading, writing, thinking, and language skills through exercises and activities related to	4 Weeks	<b>For Support:</b> - Guided notes on each major section of the novel - Practice annotations through class discussion and modeling  <b>For Enhancement:</b> - Supplemental readings,	<i>NJSLS – ELA:</i> <ul style="list-style-type: none"> <li>• NJSLSA.R1, NJSLSA.R2, NJSLSA.R3, NJSLSA.R7, NJSLSA.R8, NJSLSA.R10, RL.11-12.1, RL.11-12.2,</li> </ul>	<b>Formative Assessment:</b> - Group project on background information on the Fantasy genre - 2 Close Reading Passage Analyses: 1 – 2 paragraphs each - Multiple Socratic Seminars organized by

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<p>Modern Day Fantasy Literature. Students will analyze the historical context of the genre as it relates to modern fantasy interpretations, as well as the commentary and criticism that arise through this comparison. They will apply these analyses through various activities including groups projects, informal reaction papers, and formal writing assessments.</p> <p><b>Materials in Unit</b> - <i>A Wizard of Earthsea</i> by Ursula Le Guin</p> <p><b>Objective of Unit</b> - Students will be able to identify various themes related to the fantasy genre, their purpose in context of the works, and how each author achieves each purpose through</p>		<p>including novels, short stories, and literary criticism of major Fantasy works</p>	<p>RL.11-12.9, RI.11-12.2, RI.11-12, NJLSA.W1, NJLSA.W4, NJLSA.W6, NJLSA.W9, NJLSA.SL3, NJLSA.SL4, NJLSA.L1, NJLSA.L4,</p> <p><i>NJSLS – Companion:</i></p> <ul style="list-style-type: none"> <li>● RH.11-12.1, RH.11-12.4, NJLSA.W5, NJLSA.W7, RST.11-12.7</li> </ul> <p><i>21<sup>st</sup> Century Standards CRP:</i></p> <ul style="list-style-type: none"> <li>● CRP2, CRP4, CRP 7, CRP11, CRP12</li> </ul> <p><i>Technology Standards 8.1:</i></p> <ul style="list-style-type: none"> <li>● 8.1.12.D.1, 8.1.12.E.1,</li> </ul>	<p>major sections of the novel</p> <p><b>Summative Assessment:</b> - Formal Essay: 4 – 6 paragraph on a thematic question - Formal Test on LeGuin’s works and influences</p>

Unit Topic	Time Allocated	Differentiating Instruction for Students with Disabilities, Students at Risk, English Language Learners, & Gifted & Talented Students	Standards	Assessments
<p>various literary techniques such as characterization, conflict, symbolism, setting, diction, etc.                      - Students will be able to identify and analyze various techniques utilized by fantasy authors to enhance their “world building” and how this enhances our appreciation for the work and the social commentary within it.</p>			<p><i>Technology Standards</i>                      8.2:</p> <ul style="list-style-type: none"> <li>● 8.2.12.B.4, 8.2.12.B.5</li> </ul> <p><i>21<sup>st</sup> Century Standards</i>                      9.2:</p> <ul style="list-style-type: none"> <li>● 9.2.12.C.8</li> </ul>	
Unit Topic	Time Allocated	Differentiating Instruction for Students with Disabilities, Students at Risk, English Language Learners, & Gifted & Talented Students	Standards	Assessments
<p><b>Science Fiction Literature</b>  <i>Description of Unit:</i>                      - This unit has been designed to develop students' reading, writing,</p>	<p>4 Weeks</p>	<p><b>For Support:</b>                      - Guided notes on each major section of the novel                      - Practice annotations through class discussion and modeling</p>	<p><i>NJSLS – ELA:</i></p> <ul style="list-style-type: none"> <li>● NJSLSA.R1, NJSLSA.R2, NJSLSA.R3, NJSLSA.R7, NJSLSA.R8,</li> </ul>	<p><b>Formative Assessment:</b>                      - Group project on background information on the Science Fiction Literature Genre                      - 2 Close Reading</p>

Unit Topic	Time Allocated	Differentiating Instruction for Students with Disabilities, Students at Risk, English Language Learners, & Gifted & Talented Students	Standards	Assessments
<p>thinking, and language skills through exercises and activities related to Science Fiction Literature. Students will analyze the historical and modern context of the genre as it relates to the commentary and criticism that arises through Science Fiction. They will apply these analyses through various activities including groups projects, informal reaction papers, and formal writing assessments.</p> <p><b>Materials in Unit</b>                      - <i>A Brave New World</i> by Aldous Huxley                      - <i>We Can Remember it for You Wholesale</i> by Philip K. Dick                      - <i>Do Androids Dream of Electric Sheep</i> by Philip K. Dick</p> <p><b>Objective of Unit</b></p>		<p><b>For Enhancement:</b>                      - Supplemental readings, including novels, short stories, and literary criticism of major Science Fiction works</p>	<p>NJSLSA.R10, RL.11-12.1, RL.11-12.2, RL.11-12.9, RI.11-12.2, RI.11-12, NJSLSA.W1, NJSLSA.W4, NJSLSA.W6, NJSLSA.W9, NJSLSA.SL3, NJSLSA.SL4, NJSLSA.L1, NJSLSA.L4,</p> <p><i>NJSLS – Companion:</i></p> <ul style="list-style-type: none"> <li>● RH.11-12.1, RH.11-12.4, NJSLSA.W5, NJSLSA.W7, RST.11-12.7</li> </ul> <p><i>21<sup>st</sup> Century Standards CRP:</i></p> <ul style="list-style-type: none"> <li>● CRP2, CRP4, CRP 7, CRP11, CRP12</li> </ul> <p><i>Technology Standards 8.1:</i></p>	<p>Passage Analyses: 1 – 2 paragraphs each                      - Multiple Socratic Seminars organized by major sections of the novel and short selections</p> <p><b>Summative Assessment:</b>                      - Formal Essay: 4 – 6 paragraph on a thematic question                      - Formal Test on the various works covered in the unit</p>

Unit Topic	Time Allocated	Differentiating Instruction for Students with Disabilities, Students at Risk, English Language Learners, & Gifted & Talented Students	Standards	Assessments
<p>- Students will be able to identify various themes related to the science fiction genre, their purpose in context of the works, and how each author achieves each purpose through various literary techniques such as characterization, conflict, symbolism, setting, diction, etc.</p> <p>- Students will be able to identify and analyze various techniques utilized by science fiction authors to enhance their future worlds and how this enhances our appreciation for the work and the social commentary within it.</p>			<ul style="list-style-type: none"> <li>● 8.1.12.D.1,</li> <li>8.1.12.E.1,</li> </ul> <p><i>Technology Standards</i></p> <p>8.2:</p> <ul style="list-style-type: none"> <li>● 8.2.12.B.4,</li> <li>8.2.12.B.5</li> </ul> <p><i>21<sup>st</sup> Century Standards</i></p> <p>9.2:</p> <ul style="list-style-type: none"> <li>● 9.2.12.C.8</li> </ul>	

Unit Topic	Time Allocated	Differentiating Instruction for Students with Disabilities, Students at Risk, English Language Learners, & Gifted & Talented Students	Standards	Assessments
<p><b>Science Fiction on the screen</b>  <b>Description of Unit:</b>                      - This unit has been designed to develop students' reading, writing, thinking, and language skills through exercises and activities related to Science Fiction ‘on the screen’ – TV shows, movies, etc. Students will analyze the historical and modern context of the genre as it relates to the commentary and criticism that arises through Science Fiction. They will apply these analyses through various activities including groups projects, informal reaction papers, and formal writing assessments.</p> <p><b>Materials in Unit</b>                      - Various <i>Flash Gordon</i> episodes (Original serial)                      - Various <i>Star Trek</i></p>	<p>4 Weeks</p>	<p><b>For Support:</b>                      - Guided notes on each selection                      - Practice annotations through class discussion and modeling</p> <p><b>For Enhancement:</b>                      - Supplemental readings, short stories, and literary criticism and analyses of major Science Fiction works</p>	<p><i>NJSLS – ELA:</i></p> <ul style="list-style-type: none"> <li>● NJSLSA.R1, NJSLSA.R2, NJSLSA.R3, NJSLSA.R7, NJSLSA.R8, NJSLSA.R10, RL.11-12.1, RL.11-12.2, RL.11-12.9, RI.11-12.2, RI.11-12, NJSLSA.W1, NJSLSA.W4, NJSLSA.W6, NJSLSA.W9, NJSLSA.SL3, NJSLSA.SL4, NJSLSA.L1, NJSLSA.L4,</li> </ul> <p><i>NJSLS – Companion:</i></p> <ul style="list-style-type: none"> <li>● RH.11-12.1, RH.11-12.4, NJSLSA.W5, NJSLSA.W7, RST.11-12.7</li> </ul> <p><i>21<sup>st</sup> Century Standards CRP:</i></p>	<p><b>Formative Assessment:</b>                      - Group project on background information on the Science Fiction Genre (TV &amp; Film)                      - Multiple Socratic Seminars organized by various TV and Film selections                      - Reaction papers on various analyses of each major film</p> <p><b>Summative Assessment:</b>                      - Formal Essay: 4 – 6 paragraph on a thematic question                      - Formal Test on the various works covered in the unit</p>

Unit Topic	Time Allocated	Differentiating Instruction for Students with Disabilities, Students at Risk, English Language Learners, & Gifted & Talented Students	Standards	Assessments
<p>episodes (Original Series)                      - Various <i>Star Trek: The Next Generation</i> episodes                      - <i>Galaxy Quest</i> movie (optional)                      - <i>2001: A Space Odyssey</i> movie                      - <i>Arrival</i> movie                      - <i>Star Wars: Episode IV and V</i> (VI, if time allows)</p> <p><b>Objective of Unit</b>                      - Students will be able to identify various themes related to the science fiction genre, their purpose in context of the works, and how each author achieves each purpose through various literary techniques such as characterization, conflict, symbolism, setting, diction, etc.                      - Students will be able to identify and analyze various techniques utilized by science fiction authors to enhance their</p>			<ul style="list-style-type: none"> <li>● CRP2, CRP4, CRP 7, CRP11, CRP12</li> </ul> <p><i>Technology Standards</i>                      8.1:</p> <ul style="list-style-type: none"> <li>● 8.1.12.D.1, 8.1.12.E.1,</li> </ul> <p><i>Technology Standards</i>                      8.2:</p> <ul style="list-style-type: none"> <li>● 8.2.12.B.4, 8.2.12.B.5</li> </ul> <p><i>21<sup>st</sup> Century Standards</i>                      9.2:</p> <ul style="list-style-type: none"> <li>● 9.2.12.C.8</li> </ul>	



<b>Unit Topic</b>	<b>Time Allocated</b>	<b>Differentiating Instruction for Students with Disabilities, Students at Risk, English Language Learners, &amp; Gifted &amp; Talented Students</b>	<b>Standards</b>	<b>Assessments</b>
future worlds and how this enhances our appreciation for the work and the social commentary within it.				