

Like Stars on Earth

Lesson: 1 Social Studies: The People and Land of India

Common Core Standards for English Language Arts and Literacy in History/Social Studies, Science and Technical Subjects

Writing Standards Grade 6-8 (Text Types and Purposes)

3. Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences.
 - a. Engage and orient the reader by establishing a context and introducing a narrator and/or characters; organize an event sequence that unfolds naturally and logically.
 - b. Use narrative techniques, such as dialogue, pacing, and description, to develop experiences, events, and/or characters.
 - c. Use a variety of transition words, phrases, and clauses to convey sequence and signal shifts from one time frame or setting to another.
 - d. Use precise words and phrases, relevant descriptive details, and sensory language to convey experiences and events.
 - e. Provide a conclusion that follows from the narrated experiences or events

Writing Standards Grade 6-8 (Production and Distribution of Writing)

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

Speaking and Listening Standards Grade 8 (Comprehension and Collaboration)

1. Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher led) with diverse partners on grade 8 topics, texts, and issues, building on others' ideas and expressing their own clearly.
 - a. Come to discussions prepared having read or researched material under study; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion.
 - b. Follow rules for collegial discussions and decision-making, track progress toward specific goals and deadlines, and define individual roles as needed.
 - c. Pose questions that connect the ideas of several speakers and respond to others' questions and comments with relevant evidence, observations, and ideas.
 - d. Acknowledge new information expressed by others, and, when warranted, qualify or justify their own views in light of the evidence presented.

Reading Standards for Literacy in History/Social Studies Grade 6-8 (Key Ideas and Details)

2. Determine the central ideas or information of a primary or secondary source; provide an accurate summary of the source distinct from prior knowledge or opinions.

Reading Standards for Literacy in History/Social Studies Grade 6-8 (Craft and Structure)

4. Determine the meaning of words and phrases as they are used in a text, including vocabulary specific to domains related to history/social studies.

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Lesson: 3 Language Arts (Visual Literacy): Making Beauty Out of Nonsense

Common Core Standards for English Language Arts and Literacy in History/Social Studies, Science and Technical Subjects

Speaking and Listening Standards Grade 8 (Comprehension and Collaboration)

1. Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher led) with diverse partners on grade 8 topics, texts, and issues, building on others' ideas and expressing their own clearly.
 - a. Come to discussions prepared having read or researched material under study; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion.
 - b. Follow rules for collegial discussions and decision-making, track progress toward specific goals and deadlines, and define individual roles as needed.
 - c. Pose questions that connect the ideas of several speakers and respond to others' questions and comments with relevant evidence, observations, and ideas.
 - d. Acknowledge new information expressed by others, and, when warranted, qualify or justify their own views in light of the evidence presented.

Writing Standards for Literacy in History/Social Studies Science and Technical Subjects Grade 6-8 (Text Types and Purposes)

1. Write arguments focused on *discipline-specific content*.
 - a. Introduce claim(s) about a topic or issue, acknowledge and distinguish the claim(s) from alternate or opposing claims, and organize the reasons and evidence logically.
 - b. Support claim(s) with logical reasoning and relevant, accurate data and evidence that demonstrate an understanding of the topic or text, using credible sources.
 - c. Use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence.
 - d. Establish and maintain a formal style.
 - e. Provide a concluding statement or section that follows from and supports the argument presented.

Writing Standards Grade 6-8 (Text Types and Purposes)

3. Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences.
 - a. Engage and orient the reader by establishing a context and introducing a narrator and/or characters; organize an event sequence that unfolds naturally and logically.

- b. Use narrative techniques, such as dialogue, pacing, and description, to develop experiences, events, and/or characters.
- c. Use a variety of transition words, phrases, and clauses to convey sequence and signal shifts from one time frame or setting to another.
- d. Use precise words and phrases, relevant descriptive details, and sensory language to convey experiences and events.
- e. Provide a conclusion that follows from the narrated experiences or events

Writing Standards Grade 6-8 (Production and Distribution of Writing)

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.)

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Lesson: 4 Mathematics: Determining Your Grade: Calculating Percent

Common Core Standards for Mathematics

Ratios and Proportional Relationships 6.RP

Understand ratio concepts and use ratio reasoning to solve problems

3. Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations

c. Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity); solve problems involving finding the whole, given a part and the percent.

d. Use ratio reasoning to convert measurement units; manipulate and transform units appropriately when multiplying or dividing quantities.

Statistics and Probability 6.SP

Develop understanding of statistical variability

3. Recognize that a measure of center for a numerical data set summarizes all of its values with a single number, while a measure of variation describes how its values vary with a single number.

Summarize and describe distributions

5. Summarize numerical data sets in relation to their context, such as by:

c. Giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered.

Ratios and Proportional Relationships 7.RP

Analyze proportional relationships and use them to solve real-world and mathematical problems

3. Use proportional relationships to solve multistep ratio and percent problems. *Examples: simple interest, tax, markups and markdowns, gratuities and commissions, fees, percent increase and decrease, percent error.*

The Number System 7.NS

Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers

2. Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.

d. Convert a rational number to a decimal using long division; know that the decimal form of a rational number terminates in 0s or eventually repeats.

3. Solve real-world and mathematical problems involving the four operations with rational numbers.

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Lesson: 5 Science: How the Brain Works

Common Core Standards for English Language Arts and Literacy in History/Social Studies, Science and Technical Subjects

Reading Standards for Literacy in Science and Technical Subjects Grade 6-8 (Key Ideas and Details)

1. Cite specific textual evidence to support analysis of science and technical text.
2. Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.
3. Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.

Writing Standards for Literacy in History/Social Studies Science and Technical Subjects Grade 6-8 (Text Types and Purposes)

1. Write arguments focused on *discipline-specific content*.
 - a. Introduce claim(s) about a topic or issue, acknowledge and distinguish the claim(s) from alternate or opposing claims, and organize the reasons and evidence logically.
 - b. Support claim(s) with logical reasoning and relevant, accurate data and evidence that demonstrate an understanding of the topic or text, using credible sources.
 - c. Use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence.
 - d. Establish and maintain a formal style.
 - e. Provide a concluding statement or section that follows from and supports the argument presented.

Writing Standards for Literacy in History/Social Studies Science and Technical Subjects Grade 6-8 (Production and Distribution of Writing)

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

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Lesson: 7 Film Specific Cross Cultural Understanding

Common Core Standards for English Language Arts and Literacy in History/Social Studies, Science and Technical Subjects

Speaking and Listening Standards Grade 8 (Comprehension and Collaboration)

1. Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher led) with diverse partners on grade 8 topics, texts, and issues, building on others' ideas and expressing their own clearly.
 - a. Come to discussions prepared having read or researched material under study; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion.
 - b. Follow rules for collegial discussions and decision-making, track progress toward specific goals and deadlines, and define individual roles as needed.
 - c. Pose questions that connect the ideas of several speakers and respond to others' questions and comments with relevant evidence, observations, and ideas.
 - d. Acknowledge new information expressed by others, and, when warranted, qualify or justify their own views in light of the evidence presented.

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Lesson: 8 Music History: The Historical and Social Background of Bollywood

Common Core Standards for English Language Arts and Literacy in History/Social Studies, Science and Technical Subjects

Reading Standards for Informational Text Grade 6 –8 (Key Ideas and Details)

1. Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.

Reading Standards for Informational Text Grade 6 –8 (Integration of Knowledge and Ideas)

7. Integrate information presented in different media or formats (e.g. visually, quantitatively) as well as in words to develop a coherent understanding of a topic or issue.

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Lesson: 9 Music: A World of Music

Common Core Standards for English Language Arts and Literacy in History/Social Studies, Science and Technical Subjects

Writing Standards Grade 6 (Research to Build and Present Knowledge)

7. Conduct short research projects to answer a question, drawing on several sources and refocusing the inquiry when appropriate.

8. Gather relevant information from multiple print and digital sources; assess the credibility of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and providing basic bibliographic information for sources.