



American Pyrotechnics Safety & Education Foundation



CELEBRATE SAFELY

Celebrate Safety Learning Standards
Grades 4th – 8th

American Pyrotechnics Association's Safety and Education Foundation
Fireworks Safety Curriculum, Grades 4th–8th
Standards: Centers for Disease Control and Prevention



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Standards: for Disease Control and Prevention

<http://www.cdc.gov/healthyyouth/sher/standards/index.htm>

The Centers for Disease Control and Prevention, Division of Adolescent and School Health developed these health education standards grades Pre–K through twelve.

Standard 1. The student will comprehend concepts related to health promotion and disease prevention to enhance health.

Standard 2. The student will analyze the influence of family, peers, culture, media, technology, and other factors on health behavior.

Standard 3. The student will demonstrate the ability to access valid information and products and services to enhance health.

Standard 4. The student will demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risks.

Standard 5. The student will demonstrate the ability to use decision-making skills to enhance health.

Standard 6. The student will demonstrate the ability to use goal-setting skills to enhance health.

Standard 7. The student will demonstrate the ability to practice health-enhancing behaviors to avoid or reduce health risks.

Standard 8. The student will demonstrate the ability to advocate for personal, family, and consumer health.

Preventing childhood injuries and health problems is a part of Standard 2 and Standard 7.

It is hope that schools will use this curriculum as part of the injury prevention and safety standards to prevent injury and deaths from the unsafe or illegal use of fireworks.

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Standards: Grade 4th

<p>Next Generation Science Standards http://www.nextgenscience.org</p>	<p>4-PS3-2 Energy Students who demonstrate understanding can make observations to provide evidence that energy can be transferred from place to place by sound, light, heat, and electric currents</p>
<p>Common Core State Standards for Mathematics http://www.corestandards.org/Math</p>	<p>4.MD Measurement and Data Represent and interpret data.</p> <p>4.G Geometry Draw and identify lines and angles, and classify shapes by properties of their lines and angles.</p>
<p>Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects http://www.corestandards.org/ELA-Literacy</p>	<p>Reading Standards for Informational Text K–5 Key Ideas and Details (1) Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.</p> <p>Writing Standards K–5 Text Types and Purposes (3) Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.</p> <p>Speaking and Listening Standards K–5 Comprehension and Collaboration (2) Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.</p> <p>Language Standards K–5 Vocabulary Acquisition and Use (4) Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 4 reading and content, choosing flexibly from a range of strategies.</p>

Standards: Grade 5th

<p>Next Generation Science Standards http://www.nextgenscience.org</p>	<p>5-PS1-4 Matter and Its Interactions Students who demonstrate understanding can conduct an investigation to determine whether the mixing of two or more substances results in new substances.</p>
<p>Common Core State Standards for Mathematics http://www.corestandards.org/Math</p>	<p>5.MD Measurement and Data Represent and interpret data.</p> <p>5.G Geometry Graph points on the coordinate plane to solve real-world and mathematical problems.</p>
<p>Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects http://www.corestandards.org/ELA-Literacy</p>	<p>Reading Standards for Informational Text K–5</p> <p>Key Ideas and Details (1) Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.</p> <p>Writing Standards K–5</p> <p>Text Types and Purposes (3) Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.</p> <p>Speaking and Listening Standards K–5</p> <p>Comprehension and Collaboration (2) Summarize a written text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.</p> <p>Language Standards K–5</p> <p>Vocabulary Acquisition and Use (4) Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.</p>

Standards: Grade 6th

<p>Next Generation Science Standards http://www.nextgenscience.org</p>	<p>MS-PS1-2 Matter and Its Interactions Students who demonstrate understanding can analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.</p> <p>MS-PS1-4 Matter and Its Interactions Students who demonstrate understanding can develop a model that predicts and describes changes in particle motion, temperature, and state of a pure substance when thermal energy is added or removed.</p>
<p>Common Core State Standards for Mathematics http://www.corestandards.org/Math</p>	<p>6.SP Statistics and Probability Summarize and describe distributions.</p>
<p>Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects http://www.corestandards.org/ELA-Literacy</p>	<p>Reading Standards for Informational Text 6–12</p> <p>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.</p> <p>Writing Standards 6–12</p> <p>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.</p> <p>Speaking and Listening Standards 6–12</p> <p>Comprehension and Collaboration (2) Interpret information presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how it contributes to a topic, text, or issue under study.</p> <p>Language Standards 6–12</p> <p>Vocabulary Acquisition and Use (4) Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 6 reading and content, choosing flexibly from a range of strategies.</p>

Standards: Grade 7th

<p>Next Generation Science Standards http://www.nextgenscience.org</p>	<p>MS-PS1-2 Matter and Its Interactions Students who demonstrate understanding can analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.</p> <p>MS-PS1-4 Matter and Its Interactions Students who demonstrate understanding can develop a model that predicts and describes changes in particle motion, temperature, and state of a pure substance when thermal energy is added or removed.</p>
<p>Common Core State Standards for Mathematics http://www.corestandards.org/Math</p>	<p>7.SP Statistics and Probability Draw informal comparative inferences about two populations.</p>
<p>Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects http://www.corestandards.org/ELA-Literacy</p>	<p>Reading Standards for Informational Text 6–12</p> <p>Key Ideas and Details (1) Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.</p> <p>Writing Standards 6–12</p> <p>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.</p> <p>Speaking and Listening Standards 6–12</p> <p>Comprehension and Collaboration (2) Analyze the main ideas and supporting details presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how the ideas clarify a topic, text, or issue under study.</p> <p>Language Standards 6–12</p> <p>Vocabulary Acquisition and Use (4) Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 7 reading and content, choosing flexibly from a range of strategies.</p>

Standards: Grade 8th

<p>Next Generation Science Standards http://www.nextgenscience.org</p>	<p>MS-PS1-2 Matter and Its Interactions Students who demonstrate understanding can analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.</p> <p>MS-PS1-4 Matter and Its Interactions Students who demonstrate understanding can develop a model that predicts and describes changes in particle motion, temperature, and state of a pure substance when thermal energy is added or removed.</p>
<p>Common Core State Standards for Mathematics http://www.corestandards.org/Math</p>	<p>8.SP Statistics and Probability Investigate patterns of association in bivariate data.</p>
<p>Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects http://www.corestandards.org/ELA-Literacy</p>	<p>Reading Standards for Informational Text 6–12</p> <p>Key Ideas and Details (1) Cite the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text.</p> <p>Writing Standards 6–12</p> <p>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.</p> <p>Speaking and Listening Standards 6–12</p> <p>Comprehension and Collaboration (2) Analyze the purpose of information presented in diverse media and formats (e.g., visually, quantitatively, orally) and evaluate the motives (e.g., social, commercial, political) behind its presentation.</p> <p>Language Standards 6–12</p> <p>Vocabulary Acquisition and Use (4) Determine or clarify the meaning of unknown and multiple-meaning words or phrases based on grade 8 reading and content, choosing flexibly from arrange of strategies.</p>