

5th Grade Science and Social Studies

STANDARD	EXCEEDS	PROFICIENT	DEVELOPING	NEEDS IMPROVEMENT
Science: Implements scientific inquiry involving predictions, observations, and questions.	Demonstrates inquiry through questioning, predicting, and observing the world around him/her. Reflects on observations, makes adjustments and independently continues scientific methodology.	Demonstrates inquiry through questioning, predicting and observing the world around him/her.	Demonstrates inquiry through questioning, predicting or observing with guidance from teacher and teacher-created tools (such as graphic organizers, lab sheets, check lists, etc.)	Does not demonstrate inquiry through questioning, predicting or observing, even with assistance from teacher and teacher-created tools.
Science: Designs and successfully conducts a scientific investigation.	Independently designs and successfully conducts a scientific investigation that includes an observation, question, hypothesis, experiment with independent and dependent variables, data collection and reflection.	With teacher direction and guidance, designs and successfully conducts a scientific investigation that includes an observation, question, hypothesis, experiment with independent and dependent variables, data collection and reflection.	With teacher direction and guidance, designs and conducts a scientific investigation that is missing 1-2 of the following: an observation, question, hypothesis, experiment with independent and dependent variables, data collection and reflection.	With teacher direction and guidance, designs and conducts a scientific investigation that is missing 3 or more of the following: an observation, question, hypothesis, experiment with independent and dependent variables, data collection and reflection.
Science: Identifies the structure and function of the circulatory system.	Independently identifies the structure and function of the circulatory system. Communicates the importance and benefits of taking care of this human body system. Understands the connections and interdependence between	Independently identifies the structure and function of the circulatory system. Communicates the importance and benefits of taking care of this human body system.	Identifies the structure and function of the circulatory system with word bank and teacher guidance. Cannot communicate the importance and benefits of taking care of this human body system.	Cannot identify the structure and function of the circulatory system. Cannot communicate the importance and benefits of taking care of this human body system.

5th Grade Science and Social Studies

	the circulatory system and other human body systems.			
Science: Identifies the structure and function of the respiratory system.	Independently identifies the structure and function of the respiratory system. Communicates the importance and benefits of taking care of this human body system. Understands the connections and interdependence between the respiratory system and other human body systems.	Independently identifies the structure and function of the respiratory system. Communicates the importance and benefits of taking care of this human body system.	Identifies the structure and function of the respiratory system with word bank and teacher guidance. Cannot communicate the importance and benefits of taking care of this human body system.	Cannot identify the structure and function of the respiratory system. Cannot communicate the importance and benefits of taking care of this human body system.
Science: Identifies the structure and function of the digestive system.	Independently identifies the structure and function of the digestive system. Communicates the importance and benefits of taking care of this human body system. Understands the connections and interdependence between the digestive system and other human body systems.	Independently identifies the structure and function of the digestive system. Communicates the importance and benefits of taking care of this human body system.	Identifies the structure and function of the digestive system with word bank and teacher guidance. Cannot communicate the importance and benefits of taking care of this human body system.	Cannot identify the structure and function of the digestive system. Cannot communicate the importance and benefits of taking care of this human body system.

5th Grade Science and Social Studies

<p>Science: Understands the structure of the solar system and universe.</p>	<p>Independently identifies the parts of our solar system. Understands the difference between rotation and revolution. Differentiates between different types of stars. Differentiates between different shapes of galaxies. Comprehends the vastness of the universe and demonstrates curiosity and the desire to discover more.</p>	<p>Independently identifies the parts of our solar system. Understands the difference between rotation and revolution. Differentiates between different types of stars. Differentiates between different shapes of galaxies.</p>	<p>With the assistance of diagrams, word banks, pictures and teacher guidance, can demonstrate 2-4 of the following: identify the parts of our solar system. Understand the difference between rotation and revolution. Differentiate between different types of stars. Differentiate between different shapes of galaxies.</p>	<p>Even with assistance of diagrams, word banks, pictures, and teacher guidance cannot demonstrate 3 or more of the following: identify the parts of our solar system. Understand the difference between rotation and revolution. Differentiate between different types of stars. Differentiate between different shapes of galaxies.</p>
<p>Science: Understands how nutrition affects human growth and development</p>	<p>Identifies common vitamins and minerals found in foods and knows which foods carry which nutrients. Understands the effects and benefits of common nutrients on the human body. Can read and understand a food guide pyramid. Reflects on personal nutrition habits and transfers what is learned to personal health and nutrition plan.</p>	<p>Identifies common vitamins and minerals found in foods and knows which foods carry which nutrients. Understands the effects and benefits of common nutrients on the human body. Can read and understand a food guide pyramid.</p>	<p>With guidance from teacher, identifies common vitamins and minerals found in foods and identifies which foods carry which nutrients. Can read and understand a food guide pyramid.</p>	<p>Cannot identify common vitamins and minerals or which foods carry which minerals. Cannot read and understand a food guide pyramid.</p>
<p>Social Studies: Communicates knowledge of the formation of Colonial America.</p>	<p>Independently communicates knowledge of the formation of Colonial America, including important people, places, and resources. Recognizes how the formation of Colonial America affects</p>	<p>Independently communicates knowledge of the formation of Colonial America, including important people, places, and resources.</p>	<p>With guidance from the teacher, communicates knowledge of the formation of Colonial America, including important people, places, and resources.</p>	<p>Cannot communicate knowledge of the formation of Colonial America.</p>

5th Grade Science and Social Studies

	the people and geography of the United States today.			
Social Studies: Understands the causes and effects of the American Revolution.	Independently identifies the causes and effects of the American Revolution. Identifies important events, people, and places and recognizes their relevance in the causes and effects. Understands how the events and people of the American Revolution shaped the country we live in today.	Independently identifies the causes and effects of the American Revolution. Identifies important events, people, and places and recognizes their relevance in the causes and effects.	With guidance from the teacher identifies the causes and effects of the American Revolution. Identifies important events, people, and places.	Cannot identify the causes and effects of the American Revolution or important events, people, and places.
Social Studies: Understands the causes and effects of the U.S. Civil War.	Independently identifies the causes and effects of the U.S. Civil War. Identifies important events, people, and places and recognizes their relevance in the causes and effects. Understands how the events and people of the U.S. Civil War shaped the country we live in today.	Independently identifies the causes and effects of the U.S. Civil War. Identifies important events, people, and places and recognizes their relevance in the causes and effects.	With guidance from the teacher identifies the causes and effects of the Civil War. Identifies important events, people, and places.	Cannot identify the causes and effects of the Civil War or important events, people, and places.

5th Grade Science and Social Studies

Social Studies: Comprehends the foundations of the U.S. government.	Independently identifies the people and purposes of the three branches of government. Identifies the people and events that helped shape the formation of the U.S. government. Understands how the foundations of the U.S. Government affect our society and policies today. Can relate U.S. government to current politics.	Independently identifies the people and purposes of the three branches of government. Identifies the people and events that helped shape the formation of the U.S. government.	With guidance from the teacher identifies the people and purposes of the three branches of government. Identifies the people and events that helped shape the formation of the U.S. government.	Cannot identify the people and purposes of the three branches of government or identify the people and events that helped shape the formation of the U.S. government.
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