

Wilson County Schools Curriculum Framework for NCSCOS by Quarter
GRADE __5th__

SCIENCE	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
	Standards	Standards	Standards	Standards
<u>Community Resources</u>	<p>Matter: Properties and Change</p> <p>5.P.2.1 Explain how the sun’s energy impacts the processes of the water cycle (including evaporation, transpiration, condensation, precipitation and runoff).</p> <p>5.P.2.2 Compare the weight of an object to the sum of the weight of its parts before and after an interaction.</p> <p>5.P.2.3 Summarize properties of original materials, and the new material(s) formed, to demonstrate that a change has occurred.</p> <p>Energy</p> <p>5.P.3.1 Explain the effects of the transfer of heat (either by direct contact or at a distance) that occurs between objects at different temperatures. (conduction, convection or radiation)</p> <p>5.P.3.2 Explain how heating and cooling affect some materials and how this relates to their purpose and practical applications.</p>	<p>Forces and Motion</p> <p>5.P.1.1 Explain how factors such as gravity, friction, and change in mass affect the motion of objects.</p> <p>5.P.1.2 Infer the motion of objects in terms of how far they travel in a certain amount of time and the direction in which they travel.</p> <p>5.P.1.3 Illustrate the motion of an object using a graph to show a change in position over a period of time.</p> <p>5.P.1.4 Predict the effect of a given force or a change in mass on the motion of an object.</p> <p>Earth Systems, Structures, and Processes</p> <p>5.E.1.1 Compare daily and seasonal changes in weather conditions (including wind speed and direction, precipitation, and temperature) and patterns.</p> <p>5.E.1.2 Predict upcoming weather events from weather data collected through observation and measurements.</p> <p>5.E.1.3 Explain how global patterns such as the jet stream and water currents influence local weather in measurable terms such as temperature, wind direction and speed, and precipitation.</p>	<p>Structures and Functions of Living Organisms</p> <p>5.L.1.1 Explain why some organisms are capable of surviving as a single cell while others require many cells that are specialized to survive.</p> <p>5.L.1.2 Compare the major systems of the human body (digestive, respiratory, circulatory, muscular, skeletal, and cardiovascular) in terms of their functions necessary for life.</p> <p>Evolution and Genetics</p> <p>5.L.3.1 Explain why organisms differ from or are similar to their parents based on the characteristics of the organism.</p> <p>5.L.3.2 Give examples of likenesses that are inherited and some that are not.</p>	<p>Ecosystems</p> <p>5.L.2.1 Compare the characteristics of several common ecosystems, including estuaries and salt marshes, oceans, lakes and ponds, forests, and grasslands.</p> <p>5.L.2.2 Classify the organisms within an ecosystem according to the function they serve: producers, consumers, or decomposers (biotic factors).</p> <p>5.L.2.3 Infer the effects that may result from the interconnected relationship of plants and animals to their ecosystem.</p>

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SOCIAL STUDIES				
	<p>Civic and Government 5.C&G.1.1 Explain how ideas of various governments influenced the development of the United States government (Roman, Greek, Iroquois, European and British). 5.C&G.1.2 Summarize the organizational structures and powers of the United States government (legislative, judicial and executive branches of government). 5.C&G.1.3 Analyze historical documents that shaped the foundation of the United States government. 5.C&G.2.1 Understand the values and principles of a democratic republic. 5.C&G.2.2 Analyze the rights and responsibilities of United States citizens in relation to the concept of the "common good" according to the United States Constitution (Bill of Rights). 5.C&G.2.3 Exemplify ways in which the rights, responsibilities and privileges of citizens are protected under the United States Constitution. 5.C&G.2.4 Explain why civic participation is important in the United States.</p>	<p>History 5.H.1.1 Evaluate the relationships between European explorers (French, Spanish and English) and American Indian groups, based on accuracy of historical information (beliefs, fears and leadership). 5.H.1.2 Summarize the political, economic and social aspects of colonial life in the thirteen colonies. 5.H.1.3 Analyze the impact of major conflicts, battles and wars on the development of our nation through Reconstruction. 5.H.2.1 Summarize the contributions of the "Founding Fathers" to the development of our country. 5.H.2.2 Explain how key historical figures have exemplified values and principles of American democracy. 5.H.2.3 Compare the changing roles of women and minorities on American society from the Pre-Colonial era through Reconstruction.</p> <p style="text-align: center;">Culture</p> <p>5.C.1.1 Analyze the change in leadership, cultures and everyday life of American Indian groups before and after European exploration.</p>	<p>Culture 5.C.1.2 Exemplify how the interactions of various groups have resulted in the borrowing and sharing of traditions and technology. 5.C.1.3 Explain how the movement of goods, ideas and various cultural groups influenced the development of regions in the United States. 5.C.1.4 Understand how cultural narratives (legends, songs, ballads, games, folk tales and art forms) reflect the lifestyles, beliefs and struggles of diverse ethnic groups.</p> <p>Geography and Environmental Literacy 5.G.1.1 Explain the impact of the physical environment on early settlements in the New World. 5.G.1.2 Explain the positive and negative effects of human activity on the physical environment of the United States, past and present. 5.G.1.3 Exemplify how technological advances (communication, transportation and agriculture) have allowed people to overcome geographic limitations. 5.G.1.4 Exemplify migration within or immigration to the United States in order to identify push and pull factors (why people left/why people came).</p>	<p>Economic and Financial Literacy 5.E.1.1 Summarize the role of international trade between the United States and other countries through Reconstruction. 5.E.1.2 Explain the impact of production, specialization, technology and division of labor on the economic growth of the United States. 5.E.2.1 Explain the importance of developing a basic budget for spending and saving. 5.E.2.2 Evaluate the costs and benefits of spending, borrowing and saving.</p>