

Wilson County Schools Curriculum Framework for NCSCOS by Quarter
GRADE __4th__

SCIENCE	<u>First Quarter</u>	<u>Second Quarter</u>	<u>Third Quarter</u>	<u>Fourth Quarter</u>
	Standards	Standards	Standards	Standards
	<p style="text-align: center;">Matter</p> <p>4.P.2.1 Compare the physical properties of samples of matter (strength, hardness, flexibility, ability to conduct heat, ability to conduct electricity, ability to be attracted by magnets, reactions to water and fire). 4.P.2.2 Explain how minerals are identified using tests for the physical properties of hardness, color, luster, cleavage and streak. 4.P.2.3 Classify rocks as metamorphic, sedimentary or igneous based on their composition, how they are formed and the processes that create them.</p> <p style="text-align: center;">Energy</p> <p>4.P.3.1 Recognize the basic forms of energy (light, sound, heat, electrical, and magnetic) as the ability to cause motion or create change. 4.P.3.2 Recognize that light travels in a straight line until it strikes an object or travels from one medium to another, and that light can be reflected, refracted, and absorbed.</p>	<p style="text-align: center;">Forces and Motion</p> <p>4.P.1.1 Explain how magnets interact with all things made of iron and with other magnets to produce motion without touching them. 4.P.1.2 Explain how electrically charged objects push or pull on other electrically charged objects and produce motion.</p> <p style="text-align: center;">Earth in the Universe</p> <p>4.E.1.1 Explain the cause of day and night based on the rotation of Earth on its axis. 4.E.1.2 Explain the monthly changes in the appearance of the moon, based on the moon's orbit around the Earth.</p>	<p style="text-align: center;">Ecosystems</p> <p>4.L.1.1 Give examples of changes in an organism's environment that are beneficial to it and some that are harmful. 4.L.1.2 Explain how animals meet their needs by using behaviors in response to information received from the environment. 4.L.1.3 Explain how humans can adapt their behavior to live in changing habitats (e.g., recycling wastes, establishing rain gardens, planting trees and shrubs to prevent flooding and erosion). 4.L.1.4 Explain how differences among animals of the same population sometimes give individuals an advantage in surviving and reproducing in changing habitats.</p>	<p style="text-align: center;">Earth History</p> <p>4.E.2.1 Compare fossils (including molds, casts, and preserved parts of plants and animals) to one another and to living organisms. 4.E.2.2 Infer ideas about Earth's early environments from fossils of plants and animals that lived long ago. 4.E.2.3 Give examples of how the surface of the earth changes due to slow processes such as erosion and weathering, and rapid processes such as landslides, volcanic eruptions, and earthquakes.</p> <p style="text-align: center;">Molecular Biology</p> <p>4.L.2.1 Classify substances as food or non-food items based on their ability to provide energy and materials for survival, growth and repair of the body. 4.L.2.2 Explain the role of vitamins, minerals and exercise in maintaining a healthy body.</p>

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SOCIAL STUDIES				
	<p align="center">Civics and Government</p> <p>4.C&G.1.1 Summarize the key principles and revisions of the North Carolina Constitution.</p> <p>4.C&G.1.2 Compare the roles and responsibilities of state elected leaders.</p> <p>4.C&G.1.3 Explain the influence of the colonial history of North Carolina on the governing documents of our state.</p> <p>4.C&G.1.4 Compare North Carolina's government with local governments.</p> <p>4.C&G.2.1 Analyze the preamble and articles of the North Carolina Constitution in terms of rights and responsibilities.</p> <p>4.C&G.2.2 Give examples of rights and responsibilities of citizens according to the North Carolina Constitution.</p> <p>4.C&G.2.3 Differentiate between rights and responsibilities reflected in the North Carolina Constitution.</p>	<p align="center">History</p> <p>4.H.1.1 Summarize the change in cultures, everyday life and status of indigenous American Indian groups in North Carolina before and after European exploration. 4.H.1.2 Explain how and why North Carolina was established.</p> <p>4.H.1.3 Explain how people, events and developments brought about changes to communities in various regions of North Carolina. 4.H.1.4 Analyze North Carolina's role in major conflicts and wars from the Pre-Colonial period through Reconstruction.</p> <p>4.H.2.1 Explain why important buildings, statues, monuments and place names are associated with the state's history.</p> <p>4.H.2.2 Explain the historical significance of North Carolina's state symbols.</p> <p align="center">Culture</p> <p>4.C.1.1 Explain how the settlement of people from various cultures affected the development of regions in North Carolina (languages, foods and traditions).</p> <p>4.C.1.2 Explain how the artistic expression of various groups represents the cultural heritage of North Carolina.</p>	<p align="center">Geography and Environmental Literacy</p> <p>4.G.1.1 Summarize changes that have occurred in North Carolina since statehood (population growth, transportation, communication and land use).</p> <p>4.G.1.2 Explain the impact that human activity has on the availability of natural resources in North Carolina.</p> <p>4.G.1.3 Exemplify the interactions of various peoples, places and cultures in terms of adaptation and modification of the environment.</p> <p>4.G.1.4 Explain the impact of technology (communication, transportation and inventions) on North Carolina's citizens, past and present.</p>	<p align="center">Economic and Financial Literacy</p> <p>4.E.1.1 Understand the basic concepts of a market economy: price, supply, demand, scarcity, productivity and entrepreneurship.</p> <p>4.E.1.2 Understand how scarcity and choice in a market economy impact business decisions.</p> <p>4.E.1.3 Analyze the historical and contemporary role that major North Carolina industries have played in the state, nation and world.</p> <p>4.E.1.4 Explain the impact of entrepreneurship on the economy of North Carolina.</p> <p>4.E.2.1 Explain how personal financial decisions such as spending, saving and paying taxes can positively and/or negatively affect everyday life.</p> <p>4.E.2.2 Explain how scarcity of personal financial resources affects the choices people make based on their wants and needs.</p>