

4th Grade CIA Unit Correlation
Unifying Big Ideas, Enduring Understands, & Essential Concepts
Integration of Science and Social Studies

Nine Weeks	Big Ideas	Enduring Understandings	Essential Concepts
1 st	Change Patterns	<p>Students understand that observable, predictable patterns of movement in the solar system allow us to make predictions.</p> <p>Students understand that systems interact and influence each other.</p> <p>Students understand that processes that shape Earth can be helpful or harmful.</p> <p>Students understand that earth's surface, atmosphere, and life are constantly changing due to internal and external forces.</p> <p>Students understand that when new groups of people move into an area, existing groups experience a change.</p> <p>Students understand that the influx and interactions of people of diverse cultures often shapes the development of a community.</p> <p>Students understand that groups share their cultural heritage through the arts.</p>	<p>Revolutionary War in NC, the Regulator Movement, Battle of Mountain, Moravians in Salem, Scots-Irish in Appalachians, Quakers in Hertford, Freedmen in Wilmington, African slave labor, Individuals such as Daniel Boone, Joel Lane, John Lawson, J.M. Morehead, Wm. Davie, Wm. Singleton and Winifred Marshall Gales,</p> <p>Solar system, tides, seasons, atmosphere, surface, universe,</p> <p>Conflict, cultural heritage, assimilation, conflict, interaction.</p>
2 nd	Systems Interdependence	<p>Students understand that the natural world is composed of interdependent systems.</p> <p>Students understand that earth's materials have physical and chemical characteristics that make them useful.</p> <p>Students understand that changes in the earth over time are understood through the study of fossils and other earth materials.</p> <p>Students understand that scientists classify and organize living and</p>	<p>Preamble and NC Constitution (3 versions), US Constitution, democracy, principles, Branches of government: executive, legislative and judicial, governor, amendments, roles, rights, responsibilities, General Assembly, departments/ agencies, Mayflower Compact, Speeches, Bill of Rights, checks and balances, constitutional, state/ federal, NC State symbols.</p> <p>Rocks, minerals, environment, resources, physical and chemical properties, fossils, sedimentary,</p>

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		<p>nonliving things in categories to better understand them and their relationships.</p> <p>Students understand that earth's resources are limited.</p> <p>Students understand that communities and cultures adopt symbols to commemorate significant events in their history.</p> <p>Students understand that citizens have rights and responsibilities in a democratic society.</p> <p>Decisions of state government affect communities and interact with federal law.</p> <p>Students understand that a system of government develops in order to establish functions and rights and responsibilities of the citizens.</p>	<p>igneous and metamorphic rocks.</p> <p>Classification</p>
3 rd	Change Relationships	<p>Students understand that the natural world is composed of matter and energy</p> <p>Students understand that changes take place because of the transfer of energy.</p> <p>Students understand that scarcity, cost and choice affect business decisions and growth of an area.</p> <p>Students understand that supply and demand for natural resources and changes in technology affect the economy and people's lives in an area and in the world.</p> <p>Students understand that historical events can impact communities in different ways.</p>	<p>Market economy, scarcity, supply and demand, productivity, entrepreneurship, incentives, competition, capitalism, technology, natural resources, goods and services.</p> <p>Energy, light, heat, sound, motion, magnetism, force field, poles, electrical charge, circuit, refraction, reflection, absorption.</p> <p>Conflict, compromise, Civil War in NC, secession, slavery, Emancipation Proclamation, reconstruction, Zebulon Vance, Nathaniel Green, and Penelope Baker.</p>

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		Students understand that political, economic, and cultural conditions can create conflict and war.	
4 th	Interdependence Adaptation Survival	<p>Students understand that energy exists in multiple forms.</p> <p>Students understand that all organisms have certain needs to survive.</p> <p>Students understand that all living things interact with their environments.</p> <p>An organism's structure and characteristics helps it survive.</p> <p>Because of differences among individuals of the same kind of organism, some are more likely to survive than others.</p> <p>States change as they develop and grow, adapt their environment and incorporate technological innovations.</p> <p>Students understand that personal financial choices can have consequences in everyday life.</p> <p>Students understand that having limited personal financial resources affects decisions about needs and wants.</p>	<p>Organism, behavior, energy, calories, protein, calcium, muscles, vitamins, minerals, survival, adaptation, interdependence, senses, instinct, ecological system</p> <p>Finances, technology, natural resources, goals, responsibilities, income, risk, options, choices, consequences.</p>