



Science/S.S. – Third Grade 2023-24

First Quarter

SCIENCE	SOCIAL STUDIES
Week 1, Aug 2-4 (3-day week)	Geography: Maps and Globes 3.01 Analyze maps and globes using common terms, including: country, North Pole, Equator, Prime meridian, hemisphere, region, latitude, South Pole, longitude, time zones
Week 2, Aug 7-11	3.01 (continued) 3.02 Use cardinal directions, intermediate directions, map scales, legends, and grids to locate major cities in Tennessee and the U.S.
Week 3, Aug 14-18 Plant & Animal Adaptations 3.LS1.1 Analyze the internal and external structures that aquatic and land animals and plants have to support survival, growth, behavior, and reproduction.	
Week 4, Aug 21-25 3.LS1.1 Continued 3.LS2.1 Construct an argument to explain why some animals benefit from forming groups.	
Week 5, Aug 28- Sept 1 3.LS4.1 Explain the cause and effect relationship between a naturally changing environment and an organism's ability to survive.	

Week 6, Sept 5-8 (4-day week) 3.LS4.2 Infer that plant and animal adaptations help them to survive in land and aquatic biomes.	
Week 7, Sept 11-15 Changes to Biodiversity 3.LS4.3 Explain how changes to an environment's biodiversity influence human resources. 3.ETS1.1 Design a solution to a real-world problem that includes specified criteria for constraints.	
Week 8, Sept 19-22 (4-day week)	3.03 Examine major physical features on globes and maps, including: Basin, Bay, Canal, Canyon, Delta, Desert, Gulf, Island, Isthmus, Mountain, Ocean, Peninsula, Plain, Plateau, River, Sea, Strait, Stream, Valley 3.04 Examine major political features on globes and maps, including: boundaries, cities, highways, railroads, and roads.
Week 9, Sept 25-29	3.05 Use different types of maps (e.g., political, physical, population, resource, and climate), graphs, and charts to interpret geographic information. World Geography 3.06 Identify and locate the major continents and oceans using maps and globes: Africa, Antarctica, Asia, Australia, Europe, North America, South America, Arctic Ocean, Atlantic Ocean, Indian Ocean, Pacific Ocean, Southern Ocean 3.07 Identify and locate major countries, including: Brazil, China, Egypt, France, Great Britain, India, Italy, Japan, Russia, Spain
Week 10, Oct 2-6 District Science Checkpoint Assessment 1 (3.LS1.1, 3.LS2.1, 3.LS4.1-3)	



Science/S.S. – Third Grade 2023-24

Second Quarter

SCIENCE	SOCIAL STUDIES
Week 1, Oct 16-20 Error Analysis/Retesting in Groups Magnets 3.PS2.1 Explain the cause and effect relationship of magnets. 3.PS2.2 Solve a problem by applying the use of the interactions between two magnets. 3.ETS1.2 Apply evidence or research to support a design solution.	
Week 2, Oct 23-27 3.PS3.3. Evaluate how magnets cause changes in the motion and position of objects even when the objects are not touching the magnet.	
Week 3, Oct 30-Nov 3 Energy of Motion, Transfer of Energy 3.PS3.1 Recognize that energy is present when objects move; describe the effects of energy transfer from one object to another.	
Week 4, Nov 6-10 Electrical Energy 3.PS3.2 Apply scientific ideas to design, test and refine a device that converts electrical energy to another form of energy using open or closed simple circuits. 3.ETS1.2 Apply evidence or research to support a design solution.	
Week 5, Nov 13-17	Indigenous Peoples through European Exploration (prior to 1585) 3.19 Compare and contrast the geographic locations and customs (i.e., housing and clothing) of the Northeast, Southeast, and Plains North American Indians. 3.20 Describe the conflicts between American Indian nations, including the competing claims for the control of land.

Week 6, Nov 20-21 (2-day week)	3.21 Identify the routes and contributions of early explorers of the Americas, including: Christopher Columbus, Hernando de Soto, Ferdinand Magellan, and Amerigo Vespucci.
Week 7, Nov 27-Dec 1 Properties of Matter 3.PS1.1 Describe the properties of solids, liquids, and gases and identify that matter is made up of particles too small to be seen. 3.PS1.3 Describe and compare the physical properties of matter including color, texture, shape, length, mass, temperature, volume, state, hardness and flexibility.	3.22 Examine how American Indian cultures changed as a result of contact with European cultures, including: decreased population, spread of disease (smallpox), increased conflict, loss of territory, and increase in trade.
Week 8, Dec 4-8 Physical and Chemical Changes/Properties 3.PS1.2 Differentiate between changes caused by heating or cooling that can be reversed and that cannot.	
Week 9, Dec 11-15 District Science Checkpoint Assessment 2 (3.PS1.1-3, 3.PS2.1-2, 3.PS3.1-3)	
Week 10, Dec 18-20 (2.5 days) Error Analysis/Retesting in Groups	



Science/S.S. – Third Grade 2023-24

Third Quarter

SCIENCE	SOCIAL STUDIES
Week 1, Jan 4-5 (2-day week) Planets 3.ESS1.1 Use data to categorize the planets in the solar system as inner and outer planets according to their physical properties. 3.ETS2.1 Identify and demonstrate how technology can be used for different purposes.	
Week 2, Jan 8-12 3.ESS1.1 Continued	Economics 3.14 Compare natural resources within the three grand divisions of Tennessee, and trace the development of a product from natural resource to a finished product.
Week 3, Jan 16-19 (4-day week)	3.15 Interpret a chart, graph, or resource map of major imports and exports in Tennessee. 3.16 Describe how scarcity, supply, and demand affect the prices of products. 3.17 Compare and contrast how goods and services are exchanged on local and regional levels.
Week 4, Jan 22-26 The Water Cycle 3.ESS2.1 Explain the cycle of water on Earth.	3.18 Analyze how people interact with their environment to satisfy basic needs and wants, including: housing, industry, transportation, and communication.
Week 5, Jan 29- Feb 1 (4-day week) Cloud Types and Weather 3.ESS2.2 Associate major cloud types (cumulus, cumulonimbus, cirrus, stratus, nimbostratus) with weather conditions.	

Week 6, Feb 5-9 Determining Local Weather and Climate 3.ESS2.3 Use tables, graphs, and tools to describe precipitation, temperature, and wind (direction and speed) to determine local weather and climate. 3.ETS2.1 Identify and demonstrate how technology can be used for different purposes.	
Week 7, Feb 12-16 Climates Around the World 3.ESS2.4 Incorporate weather data to describe major climates (polar, temperate, tropical) in different regions of the world.	
Week 8, Feb 20-23 (4-day week) Natural Hazards 3.ESS3.1 Explain how natural hazards (fires, landslides, earthquakes, volcanic eruptions, floods) impact humans and the environment.	
Week 9, Feb 26-Mar 1 3.ESS3.2 Design solutions to reduce the impact of natural hazards (fires, landslides, earthquakes, volcanic eruptions, floods) on the environment. 3.ETS1.1 Design a solution to a real-world problem that includes specified criteria for constraints. 3.ETS1.2 Apply evidence or research to support a design solution.	
Week 10, Mar 4, 6-8 (4-day week) District Science Checkpoint Assessment 3 (3.ESS1.1, 3.ESS2.1-4, 3.ESS3.1-2)	



Science/S.S. – Third Grade 2023-24

Fourth Quarter

SCIENCE	SOCIAL STUDIES
Week 1, Mar 18-22 Error Analysis/Retesting in Groups Science Spiral Review/Reteach	Early North American Settlements (1585-1600s) 3.23 Describe the failure of the lost colony of Roanoke and the theories associated with it. 3.24 Explain the significance of the settlement of Jamestown and the role it played in the founding of the U.S.
Week 2, Mar 25-28 (4-day week) Science Spiral Review/Reteach	3.25 Explain the significance of the settlements of Massachusetts Bay and Plymouth and the role they played in the settling of our country. 3.26 Examine how the regional (i.e., New England, Middle, and Southern) geographic features of the Thirteen Colonies influenced their development.
Week 3, Apr 2-5 (4-day week) Science Spiral Review/Reteach	3.27 Identify the economic, political, and religious reasons for founding the Thirteen Colonies and the role of indentured servitude and slavery in their settlement. 3.28 Identify representative assemblies and town meetings as early democratic practices during the colonial period.
Week 4, Apr 8-12 Science Spiral Review/Reteach	3.29 Explain the cooperation that existed between colonists and American Indians during the 1600s and 1700s, including: fur trade, military alliances, treaties, and cultural exchanges. 3.30 Examine how long hunters (e.g., Daniel Boone and William Bean) created interest in land west of the Appalachian Mountains.
Week 5, Apr 15-19 Science Spiral Review/Reteach	3.31 Describe life on the Tennessee frontier and reasons why settlers moved west. 3.09 Identify and locate the fifty states of the U.S.

Week 6, Apr 22-26 STEM PBL/Invention Convention/ Earth Day (4/22)	3.09 Continued
Week 7, Apr 29-May 3 STEM PBL/Invention Convention	3.10 Identify and locate major cities in the U.S., including: Chicago, Los Angeles, Miami, New York City, Seattle, Washington, D.C. 3.11 Identify major physical features of the U.S., including: * Rivers—Colorado, Mississippi, Ohio, Rio Grande * Mountains—Alaska Range, Appalachian, Rockies * Bodies of Water—Great Lakes, Gulf of Mexico * Desert—Great Basin * Landforms—Grand Canyon, Great Plains
Week 8, May 6-10 STEM PBL/Invention Convention	3.12 Locate the following cities and physical features in Tennessee: * Cities—Chattanooga, Knoxville, Memphis, Nashville * Rivers—Cumberland, Mississippi, Tennessee * Mountain Range—Great Smoky Mountains 3.13 Explain how geographic challenges are met with: Bridges, Canals, Dams, Freshwater supply, Irrigation systems, Landfills, Tunnels
Week 9, May 13-17 STEM Activities or PBL	
Week 10, May 20-22 (2.5-day week) STEM Activities or PBL	