Science/S.S. – Fifth Grade 2025-26
First Quarter

SCIENCE	SOCIAL STUDIES
Week 1, Aug 4-8 **Positions of Sun, Earth, Moon** **5.ESS1.4** Explain the cause and effect relationship between the positions of the sun, earth, and moon and resulting eclipses, tides, and appearance of the moon.	
Week 2, Aug 11-15 **5.ESS1.3** Use a model to explain how the orbit of the Earth and sun cause observable patterns: **a.** day and night **b.** changes in length and direction of shadows over a day. *Students should collect data for 5.ESS1.3 by drawing shadows & charting data in their science journals. Students must collect shadow data in the same spot at different times throughout the day (i.e., morning, noon, and afternoon.)*	
Week 3, Aug 18-22 **Tilt of Earth's Axis** **5.ESS1.5** Relate the tilt of the Earth's axis, as it revolves around the sun, to the varying intensities of sunlight at different latitudes. Evaluate how this causes changes in day-lengths and seasons.	
Week 4, Aug 25-29 **Galaxies** **5.ESS1.2** Research and explain the position of the Earth and the solar system within the Milky Way galaxy, & compare the size and shape of the Milky Way to other galaxies in the universe.	

Week 5, Sept 2-5 (4-day week) **Apparent Brightness of Stars** **5.ESS1.1** Explain that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from the Earth.	
Week 6, Sept 8-12 **Constellations** **5.ESS1.6** Use tools to describe the position of constellations and how they appear to move from the Earth's perspective throughout the seasons. **Assessment (5.ESS1.1-6)**	
Week 7, Sept 15-19	**5.26** Explain how the name "Tennessee" originated from the Yuchi word Tana-tsee, referring to where the rivers come together. **5.27** Identify the cultures of the major indigenous settlements in Tennessee, including: the Paleo (Coats-Hines Site), Archaic, Woodland (Old Stone Fort, Pinson Mounds), and Mississippian (Chucalissa Indian Village). **5.28** Identify the pre-colonial American Indian tribes residing in Tennessee (e.g., Cherokee, Chickasaw, Creek, and Shawnee), and analyze their various customs and traditions.
Week 8, Sept 23-26 (4-day week)	**5.29** Explain how the Cumberland Gap and Wilderness Road influenced migration into the Tennessee region following the Proclamation of 1763. **5.30** Explain the significance of the Watauga Settlement in Tennessee history, including the following: Watauga Compact, Dragging Canoe, John Sevier, and Nancy Ward. **5.31** Describe the founding of and the obstacles faced with the establishment of the Cumberland Settlements, including: the Battle of the Bluffs, John Donelson, and James Robertson.
Week 9, Sept 29-Oct 3 **District Science Checkpoint Assessment 1 (5.ESS1.1-6)** **Retest in Groups/Error Analysis**	

Science/S.S. – Fifth Grade 2025-26
Second Quarter

SCIENCE	SOCIAL STUDIES
Week 1, Oct 13-17 **Properties/Changes in Matter** **5.PS1.1** Analyze and interpret data from observations and measurements of the physical properties of matter to explain phase changes between a solid, liquid, or gas. **5.PS1.2** Analyze and interpret data to show that the amount of matter is conserved even when it changes form, including transitions where matter seems to vanish.	
Week 2, Oct 20-24 **5.PS1.3** Construct an argument using the physical properties of matter that combining substances may or may not result in a new substance. **Assessment (5.PS1.1-3)**	
Week 3, Oct 27-31	**5.32** Explain the importance of Tennesseans (i.e., Overmountain Men) in the Battle of Kings Mountain during the American Revolution. **5.33** Identify the Lost State of Franklin as Tennessee's first attempt at statehood, and explain the reasons for its failure. **5.34** Locate the Territory South of the River Ohio (i.e., Southwest Territory), identify its leaders, and explain how it was the first step to Tennessee's statehood. **Assessment (5.26-34)**

Week 4, Nov 3-7	**5.35** Describe the steps that Tennessee took to become a state (i.e., population requirement, vote by the citizens, creation of a state constitution, and Congressional approval). **5.36** Identify the year Tennessee became a state, its first governor, and the original capital. **5.54** Describe the structure of Tennessee's government, including the role of each of the three branches, the governor, and state representatives.
Week 5, Nov 10-14 **Forces and Patterns of Motion** **5.PS2.1** Plan and carry out an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of the object.	
Week 6, Nov 17-21 **5.PS2.2** Make observations and measurements of an object's motion to provide evidence that a pattern can be used to predict future motion. **5.PS2.4** Explain how forces can create patterns within a system (moving in one direction, shifting back and forth, or moving in cycles), and describe conditions that affect how fast or slowly these patterns occur.	
Week 7, Nov 24-25 (2-day week) **5.PS2.4 (continued)**	
Week 8, Dec 1-5 **5.PS2.3** Use evidence to support that the gravitational force exerted by Earth on objects is directed toward the Earth's center. **Assessment (5.PS2.1-4)**	

Week 9, Dec 8-12	**5.37** Describe Tennessee's involvement in the War of 1812, including: Andrew Jackson, the Tennessee volunteers, and Battle of Horseshoe Bend. **5.38** Analyze the impact of Andrew Jackson's presidency on the American Indian population of Tennessee, including: the Indian Removal Act, Trail of Tears, Treaty of Echota, and John Ross. **5.39** Explain how the western boundary of Tennessee was expanded with the Jackson Purchase.
Week 10, Dec 15-19 (4.5-day week) **District Science Checkpoint Assessment 2 (5.PS1.1-3, 5.PS2.1-4)** **Retest in Groups/Error Analysis**	**5.40** Identify the impact of important Tennesseans prior to the Civil War, including: • David Crockett and Sam Houston (Texas War for Independence and the Alamo) • President James K. Polk (Manifest Destiny) • Sequoyah (Cherokee syllabary) **Assessment (5.35-5.40, 5.54)**

Science/S.S. – Fifth Grade 2025-26
Third Quarter

SCIENCE	SOCIAL STUDIES
Week 1, Jan 6-9 (4-day week)	**5.53** Compare and contrast the three grand divisions of Tennessee in terms of the following: • Major industries (e.g., Eastman, FedEx, and Nissan) • Tourism (e.g., Bristol Motor Speedway, Civil War sites, and Graceland) • Agriculture and livestock (e.g., soybeans in West TN, tobacco in Middle TN, and dairy in East TN) • Geography (i.e., Gulf Coastal Plains, the Nashville Basin, the Highland Rim, the Cumberland Plateau, the Great Valley, and the Great Smoky Mountains)
Week 2, Jan 12-16	**5.41** Examine the issue of slavery in the three grand divisions and the impact their differences had on Tennessee's secession from the Union. **5.42** Describe the significance of the following Civil War events and battles on Tennessee: • Siege of Fort Donelson • Battle of Stones River • Battle of Franklin • Battle of Nashville **5.44** Explain the development and efforts of the Freedmen's Bureau in helping former slaves begin a new life, including Fisk University.
Week 3, Jan 20-23 (4-day week) **Animal Responses** **5.LS1.1** Compare and contrast animal responses that are learned by gathering information through the senses, which is then processed in the brain and stored as memories to guide their actions.	

Week 4, Jan 26-30 **Inherited/Learned Traits** **5.LS3.1** Distinguish between inherited characteristics and those characteristics that result from a direct interaction with the environment. Apply this concept by giving examples of characteristics of living organisms that are influenced by both inheritance and the environment.	
Week 5, Feb 2-6 **Variations in Traits** **5.LS3.2** Provide evidence and analyze data that plants and animals have traits inherited from parents and that variations of these traits exist in a group of similar organisms.	
Week 6, Feb 9-13 **5.LS4.1** Use evidence to construct an explanation for how variations in characteristics among individuals within the same species may provide advantages to these individuals in their survival and reproduction.	
Week 7, Feb 17-20 (4-day week) **Assessment (5.LS1.1, 5.LS3.1-2, 5.LS4.1)**	**5.45** Identify how the rise of vigilante justice (e.g., Ku Klux Klan), black codes, and Jim Crow laws impacted Tennessee and the nation. **5.46** Explain how the end of Reconstruction impacted Tennessee's African American elected officials. **5.43** Explain the impact of the Tennessee Constitutional Convention of 1870, including: poll taxes, segregation, and funds for public education.

Week 8, Feb 23-27	**Assessment (5.41-46)** **5.01** Explain the need for the South's move toward industrialization after the Civil War. **5.02** Examine the appeal and challenges of settling the Great Plains from various cultural perspectives, including: settlers, immigrants, Buffalo Soldiers, and American Indians. **5.08** Describe the challenges of the journey and process for successful entry into the U.S. through Ellis Island and Angel Island, & examine the role of immigrants in the development of the U.S.
Week 9, Mar 2-6	**5.03** Analyze the ideas and events of the Gilded Age, including economic disparity (e.g., mistrust of money) and industrial capitalists (e.g., John D. Rockefeller). **5.06** Examine the impact of important entrepreneurs on American society, including: Andrew Carnegie, Henry T. Ford, and Cornelius Vanderbilt. **5.04** Explain the role of labor unions and the American Federation of Labor in changing the standards of working conditions.

Science/S.S. – Fifth Grade 2025-26
Fourth Quarter

SCIENCE	SOCIAL STUDIES
Week 1, Mar 9-13 **District Science Checkpoint Assessment 3 (5.LS1.1, 5.LS3.1-2, 5.LS4.1)** **Retest in Groups/Error Analysis**	**5.09** Analyze the major goals, struggles, and achievements of the Progressive Era, including: ***Prohibition (18th Amendment)***, women's suffrage (19th Amendment), ***and the lack of child labor laws***. **5.05** Examine the contributions and impact of inventors on American society, including: Alexander Graham Bell, George Washington Carver, and Thomas Edison.
Week 2, Mar 23-27 **Science Spiral Review/Reteach**	**5.07** Analyze the causes, course, and consequences of the Spanish-American War, including: • Imperialism • Rough Riders • USS Maine • Yellow journalism **Assessment (5.01-5.09)** **5.10** Summarize the events leading to U.S. entry into World War I, including the attack on the RMS Lusitania and the Zimmerman Telegram. **5.11** Locate the major countries of the Central and Allied Powers during World War I, including: • Austria-Hungary • France • Germany • Great Britain • Russia
Week 3, Mar 30-Apr 2 (4-day week) **Science Spiral Review/Reteach**	**5.12** Describe the impact of U.S. involvement on World War I. **5.49** Describe Tennessee's contributions during World War I and World War II, including: the conversion of factories to wartime production, the importance of Oak Ridge, and the influence of Tennesseans (i.e., Cornelia Fort, Cordell Hull, and ***Alvin C. York***). **5.13** Explain the aims of world leaders in the Treaty of Versailles and why the U.S. Senate rejected President Woodrow Wilson's League of Nations.

	5.14 Examine the growth of popular culture during the "Roaring Twenties" with respect to the following: • Music, clothing, and entertainment • Automobiles and appliances • Harlem Renaissance
Week 4, Apr 6-10 **Science Spiral Review/Reteach**	**5.51** Discuss the development of the music industry in Tennessee, including: • ***Country music (e.g., Grand Ole Opry, WSM, and the Carter family)*** • ***Blues music (e.g., W.C. Handy and Bessie Smith)*** **5.09** Analyze the major goals, struggles, and achievements of the Progressive Era, including: Prohibition (18th Amendment), ***women's suffrage (19th Amendment)***, and the lack of child labor laws. **5.47** Identify Tennessee's role in the passage of the 19th Amendment, including the impact of Anne Dallas Dudley and Harry Burn.
Week 5, Apr 13-17 **Science Spiral Review/Reteach**	**Assessment (5.09-14, 5.47, 5.49, 5.51)** **5.15** Identify the causes of the Great Depression, President Herbert Hoover's role, and its impact on the nation, including: • Consumer credit and debt • Mass unemployment • Hoovervilles • Soup kitchens **5.48** Describe the effects of the Great Depression on Tennessee and the impact of New Deal policies in the state (i.e., Tennessee Valley Authority & Civilian Conservation Corps).
Week 6, Apr 20-24 **Earth Day April 22**	**5.16** Describe how New Deal policies of President Franklin D. Roosevelt impacted American society with government-funded programs, including: Social Security, expansion and development of the national parks, and creation of jobs. **5.17** Explain the structures and goals of the governments in Germany & Japan in the 1930s. **5.19** Identify and locate the Axis and Allied Powers, including: • Germany • Italy • Japan • France

	• Great Britain • Soviet Union **5.18** Determine the significance of the bombing of Pearl Harbor and its impact on the U.S.
Week 7, Apr 27-May 1	**5.49** Describe Tennessee's contributions during World War I and World War II, including: the conversion of factories to wartime production, the importance of Oak Ridge, and the influence of Tennesseans (i.e., ***Cornelia Fort***, Cordell Hull, and Alvin C. York). **5.20** Examine the reasons for the use of propaganda, rationing, and victory gardens during World War II. **5.21** Analyze the significance of the Holocaust and its impact on the U.S. **5.49** Describe Tennessee's contributions during World War I and World War II, including: the conversion of factories to wartime production, ***the importance of Oak Ridge***, and the influence of Tennesseans (i.e., Cornelia Fort, ***Cordell Hull***, and Alvin C. York).
Week 8, May 4, 6-8 (4-day week)	**Assessment (5.15-21, 5.48-49)** **5.22** Examine the growth of the U.S. as a consumer and entertainment society after World War II, including: • Suburbs • Increased access to automobiles • Interstate Highway System • Television, radio, and movie theaters **5.51** Discuss the development of the music industry in Tennessee, including: • ***Rock 'n' roll (e.g., Elvis Presley, Stax Records, and Sun Studio)***

Week 9, May 11-15	**5.23** Examine how Cold War events impacted the U.S., including: • Arms race • Berlin Wall • Cuban Missile Crisis • Space Race **5.25** Explain the impact of John F. Kennedy's presidency on the country, including: passage of the Civil Rights Act, the Voting Rights Act, the space program, and his assassination. **5.50** Identify Tennessee's significant contributions to the Civil Rights Movement, including: • Highlander Folk School • Tent City Movement of Fayette County • Nashville Sit-Ins • The Clinton Twelve
Week 10, May 18-22 (4.5-day week)	**5.24** Analyze the key people and events of the Civil Rights Movement, including: • Martin Luther King Jr. and non-violent protests • Montgomery Bus Boycott and Rosa Parks • Brown v. Board of Education and Thurgood Marshall • Freedom Riders and Diane Nash **5.52** Identify influential Tennesseans from the late 20th century, including: • Al Gore, Jr. • Alex Haley • Dolly Parton • Wilma Rudolph • Oprah Winfrey **Assessment (5.22-25, 5.50-52)**