

**TENNESSEE ACADEMIC STANDARDS--FIFTH GRADE
CORRELATED WITH
AMERICAN CAREERS FOR KIDS**

The page numbers listed refer to pages in the Student ACKtivity Book.

ENGLISH/LANGUAGE ARTS	
<p>Reading</p> <p>Content Standard: 1.0 Develop the reading and listening skills necessary for word recognition, comprehension, interpretation, analysis, evaluation, and appreciation of print and non-print text.</p> <p>5.1.01 Continue to develop oral language and listening skills.</p> <p>Pages 14-15, 18-19, 20-21, 22, 23-24, 26, 27, 29, 32-33, 34, 36, 37, 38, 39-41, 42, 44, 45, 51, 56-57, 59.</p> <p>5.1.02 Demonstrate knowledge of concepts of print.</p> <p>Pages 5-6, 7, 8, 12, 13, 16, 20-21, 22, 25, 26, 27, 28, 29, 31, 34, 36, 37, 38, 39-41, 42, 43, 44, 45, 46, 49-50, 51, 52, 54, 55.</p> <p>5.1.04 Use decoding strategies to read unfamiliar words.</p> <p>Pages 5-6, 8, 12, 13, 16, 17, 20-21, 22, 26, 27, 28, 29, 34, 36, 38, 39-41, 42, 43, 44, 45, 46, 49-50, 51, 52, 55, 58, 59.</p> <p>5.1.06 Expand reading vocabulary.</p> <p>Pages 5-6, 8, 12, 13, 16, 17, 20-21, 22, 26, 27, 28, 29, 34, 36, 38, 39-41, 42, 43, 44, 45, 46, 49-50, 51, 52, 55, 58, 59.</p> <p>5.1.07 Use reading strategies to facilitate comprehension.</p> <p>Pages 5-6, 8, 12, 13, 16, 17, 20-21, 22, 26, 27, 28, 29, 34, 36, 38, 39-41, 42, 43, 44, 45, 46, 49-50, 51, 52, 55, 58, 59.</p> <p>5.1.08 Use active comprehension strategies to derive meaning while reading and check for understanding after reading.</p> <p>Pages 12, 13, 20-21, 28, 31, 42, 44, 46, 49-50, 54, 59.</p>	<p>5.1.09 Develop appropriate information skills and study skills to facilitate learning.</p> <p>Pages 12, 13, 20-21, 28, 29, 38, 46, 49-50, 54, 58.</p> <p>5.1.10 Develop skills to facilitate reading to learn in a variety of content areas.</p> <p>Pages 12, 13, 20-21, 28, 29, 38, 46, 49-50, 54, 58.</p> <p>Writing</p> <p>Content Standard: 2.0 Develop the structural and creative skills of the writing process necessary to produce written language that can be read, presented to, and interpreted by various audiences.</p> <p>5.2.01 Engage in prewriting using a variety of strategies.</p> <p>Pages 5-6, 16, 20-21, 22, 23-24, 26, 29, 31, 32-33, 34, 36, 37, 38, 39-41, 42, 46, 47-48, 54, 56-57, 58, Performance Assessment.</p> <p>5.2.02 Write for a variety of audiences and purposes.</p> <p>Pages 5-6, 14-15, 16, 20-21, 22, 23-24, 26, 31, 32-33, 34, 37, 38, 39-41, 42, 49-50, 56-57, 58, Performance Assessment.</p> <p>5.2.03 Show evidence of drafting and revision with written work.</p> <p>Pages 5-6, 16, 34, 47-48, 58, Performance Assessment.</p> <p>5.2.04 Include editing before the completion of finished work.</p> <p>Pages 5-6, 16, 34, 47-48, 58, Performance Assessment.</p>

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ENGLISH/LANGUAGE ARTS <i>(continued)</i>	
<p>5.2.05 Evaluate own and others' writing.</p> <p>Pages 5-6, 7, 16, 34, 47-48, 58, Performance Assessment.</p> <p>5.2.06 Experience numerous publishing opportunities.</p> <p>Pages 5-6, 16, 34, 58, Performance Assessment.</p> <p>5.2.08 Write frequently across all content areas.</p> <p>Pages 5-6, 16, 20-21, 22, 23-24, 26, 29, 31, 32-33, 34, 36, 37, 38, 39-41, 42, 46, 47-48, 54, 56-57, 58, Performance Assessment.</p> <p>5.2.09 Write expressively using original ideas, reflections, and observations.</p> <p>Pages 5-6, 16, 20-21, 22, 23-24, 26, 34, 37, 39-41, 42, 47-48, 56-57, 58, Performance Assessment.</p> <p>5.2.11 Write in a variety of modes and genres.</p> <p>Pages 5-6, 14-15, 16, 20-21, 22, 23-24, 26, 31, 32-33, 34, 37, 38, 39-41, 47-48, 54, 56-57, 58, Performance Assessment.</p> <p>Elements of Language</p> <p>Content Standard: 3.0 Use standard English conventions and proper spelling as appropriate to speaking and writing.</p> <p>5.3.01 Demonstrate knowledge of Standard English usage.</p> <p>Pages 5-6, 7, 12, 13, 14-15, 16, 18-19, 20-21, 22, 23-24, 25, 26, 27, 29, 30, 31, 32-33, 34, 36, 37, 38, 39-41, 42, 47-48, 56-57, 58, 59, Performance Assessment.</p>	<p>5.3.02 Demonstrate knowledge of Standard English mechanics.</p> <p>Pages 5-6, 7, 16.</p> <p>5.3.03 Demonstrate knowledge of Standard English spelling.</p> <p>Pages 5-6, 7, 16.</p> <p>5.3.04 Demonstrate knowledge of correct sentence structure.</p> <p>Pages 5-6, 14-15, 16, 24, 32-33, , 39-41, 47-48, 56-57, 58, 59, Performance Assessment.</p>

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<p>MATHEMATICS</p> <p>Number and Operations</p> <p>Content Standard: 1.0 Develop number and operation sense needed to represent numbers and number relationships verbally, symbolically, and graphically and to compute fluently and make reasonable estimates in problem solving.</p> <p>5.1.1 Understand numbers, ways of representing numbers, relationships among numbers, and number systems.</p> <p>Pages 1-4, 17, 26, 27, 35, 36, 38, 43, 44, 51, 52, 54, 59.</p> <p>5.1.2 Understand meanings of operations and how they relate to one another.</p> <p>Pages 17, 18-19, 26, 27, 29, 38, 43, 44, 51, 59.</p> <p>5.1.3 Solve problems, compute fluently, and make reasonable estimates.</p> <p>Pages 17, 18-19, 26, 27, 38, 43, 44, 51, 52, 59.</p> <p>Algebra</p> <p>Content Standard: 2.0 Understand and generalize patterns as they represent and analyze quantitative relationships and change in a variety of contexts and problems using graphs, tables, and equations.</p> <p>5.2.1 Understand patterns, relations, and functions.</p> <p>Pages 17, 18-19, 27, 38, 43, 44, 51.</p> <p>5.2.2 Represent and analyze mathematical situations and structures using algebraic symbols.</p> <p>Pages 17, 38, 43, 44.</p>	<p>5.2.3 Illustrate general properties of operations.</p> <p>Pages 17, 26, 27, 38, 43, 44, 51, 52, 59.</p> <p>5.2.4 Analyze change in various contexts.</p> <p>Pages 17, 18-19, 26, 27, 38, 43, 51, 52.</p> <p>Geometry</p> <p>Content Standard: 3.0 Develop an understanding of geometric concepts and relationships as the basis for geometric modeling and reasoning to solve problems involving one-, two-, and three-dimensional figures.</p> <p>5.3.1 Analyze characteristics and properties of two- and three-dimensional shapes.</p> <p>Pages 9, 10-11, 12, 13, 28, 39-41, 42, 44, 49-50, 55.</p> <p>5.3.2 Specify locations and describe spatial relationships using coordinate geometry.</p> <p>Pages 10-11.</p> <p>5.3.3 Apply transformations and use symmetry to analyze mathematical situations.</p> <p>Pages 10-11.</p> <p>5.3.4 Use visualization, spatial reasoning, and geometric modeling to solve problems.</p> <p>Pages 9, 10-11, 12, 13, 18-19, 28, 29, 42, 44, 45, 49-50, 55.</p>
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<p>MATHEMATICS <i>(continued)</i></p> <p>Measurement</p> <p>Content Standard: 4.0 Become familiar with the units and processes of measurement in order to use a variety of tools, techniques, and formulas to determine and to estimate measurements in mathematical and real-world problems.</p> <p>5.4.1 Understand measurable attributes of objects and the units, systems, and processes of measurement.</p> <p>Pages 5-6, 9, 10-11, 12, 13, 18-19, 26, 27, 28, 29, 31, 35, 36, 39-41, 42, 44, 46, 51, 52, 53, 54.</p> <p>5.4.2 Apply appropriate techniques, tools, and formulas to determine measurements.</p> <p>Pages 9, 10-11, 12, 13, 18-19, 26, 27, 29, 35, 36, 39-41, 42, 44, 51, 53.</p> <p>Data Analysis and Probability</p> <p>Content Standard: 5.0 Understand and apply basic statistical and probability concepts in order to organize and analyze data and to make predictions and conjectures.</p> <p>5.5.1 Formulate questions that can be addressed with data and collect, organize, and display relevant data to answer questions.</p> <p>Pages 1-4, 26, 27, 29.</p> <p>5.5.2 Select and use appropriate statistical methods to analyze data.</p> <p>Pages 26, 27, 29.</p>	<p>5.5.3 Develop and evaluate inferences and predictions that are based on data.</p> <p>Pages 26, 27, 29, 51.</p> <p>5.5.4 Understand and apply basic concepts of probability.</p> <p>Pages 20-21, 51.</p>
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<p>SCIENCE</p> <p>Life Science</p> <p>Content Standard: 1.0 Cell Structure and Function Investigate the structure and function of plant and animal cells.</p> <p>5.1.1 Know that all organisms are made of one or more cells.</p> <p>Pages 12, 29, 49-50, 53.</p> <p>Content Standard: 2.0 Interactions Between Living Things and Their Environment. Investigate how living things interact with one another and with non-living elements of their environment.</p> <p>5.2.1 Investigate the relationships among organisms in a specific ecosystem.</p> <p>Pages 12, 49-50, 52, 53, 54.</p> <p>5.2.2 Recognize that organisms are able to change their environment.</p> <p>Pages 13, 52, 55.</p> <p>Content Standard: 3.0 Food Production and Energy for Life Study the basic parts of plants, investigate how plants produce food, and discover that plants and animals use food to sustain life.</p> <p>5.3.1 Realize that plants and animals use food for energy.</p> <p>Pages 12, 39-41, 52.</p> <p>5.3.2 Recognize the function of specific structures in organisms that allow them to obtain and use energy.</p> <p>Pages 12, 28, 29, 49-50, 53.</p>	<p>Content Standard: 4.0 Heredity and Reproduction Understand the basic principles of inheritance.</p> <p>5.4.1 Realize that certain characteristics are passed from parent to offspring.</p> <p>Pages 12, 38, 49-50.</p> <p>5.4.3 Investigate the life cycles of different organisms.</p> <p>Pages 49-50, 53.</p> <p>Content Standard: 5.0 Diversity and Adaptation Among Living Things Understand that living things have characteristics that enable them to survive in their environment.</p> <p>5.5.1 Realize that plants and animals can be grouped according to similarities and difference in their characteristics.</p> <p>Pages 12, 49-50.</p> <p>Earth and Space Science</p> <p>Content Standard: 8.0 Atmospheric Cycles Investigate the relationships among atmospheric conditions, weather, and climate.</p> <p>5.8.1 Recognize that atmospheric conditions vary and can be measured.</p> <p>Pages 20-21, 54.</p> <p>5.8.2 Recognize that landforms and bodies of water affect weather and climate.</p> <p>Pages 20-21, 54.</p>
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<p>5.8.3 Recognize the basic features of the water cycle.</p> <p>Pages 13, 53, 54.</p> <p>Standard Number: 10.0 Earth Resources Investigate the properties, uses, and conservation of earth’s resources.</p> <p>5.10.1 Recognize that earth materials have a variety of practical uses.</p> <p>Pages 13, 45..</p> <p>5.10.3 Realize the difference between renewable and non-renewable resources.</p> <p>Pages 13, 45, 55.</p> <p>Physical Science</p> <p>Standard Number: 11.0 Forces and Motion Investigate the characteristic properties of matter.</p> <p>5.11.2 Recognize the relationship between force and motion.</p> <p>Pages 18-19.</p> <p>Content Standard: 12.0 Structure and Properties of Matter Investigate the characteristic properties of matter</p> <p>5.12.1 Recognize that matter has predictable properties and is composed of basic units, some too small to be seen with the naked eye.</p> <p>Pages 45, 51, 54.</p>	<p>5.12.2 Recognize conditions that are associated with different states of matter</p> <p>Pages 20-21, 36, 54.</p> <p>Content Standard: 13.0 Interactions of Matter Investigate the interactions of matter.</p> <p>5.13.1 Describe the types of changes that result from interactions of matter.</p> <p>Pages 36, 45, 51, 54.</p> <p>Content Standard: 14.0 Energy Investigate energy and its uses.</p> <p>5.14.1 Know that energy exists in many forms.</p> <p>Pages 18-19, 36, 51, 54.</p> <p>5.14.4 Recognize the basic concept of electricity.</p> <p>Pages 18-19.</p>

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SOCIAL STUDIES	
<p>Culture</p> <p>Content Standard: 1.0 Culture encompasses similarities and differences among people including their beliefs, knowledge, changes, values, and traditions. Students will explore these elements of society to develop an appreciation and respect for the variety of human cultures.</p> <p>5.1.01 Understand the diversity of human cultures.</p> <p style="padding-left: 40px;">Pages 13, 20-21, 37, 38, 56-57.</p> <p>5.1.02 Discuss cultures and human patterns of places and regions of the world.</p> <p style="padding-left: 40px;">Pages 13, 20-21, 38.</p> <p>Economics</p> <p>Content Standard: 2.0 Globalization of the economy, the explosion of population growth, technological changes and international competition compel students to understand both personally and globally production, distribution, and consumption of goods and services. Students will examine and analyze economic concepts such as basic needs versus wants, using versus saving money, and policy making versus decision making.</p> <p>5.2.01 Describe the potential costs and benefits of personal economic choices in a market economy.</p> <p style="padding-left: 40px;">Pages 5-6, 16, 17, 20-21, 22, 38, 59.</p> <p>5.2.02 Give examples of the interaction of individuals, businesses, and governments in a market economy.</p> <p style="padding-left: 40px;">Pages 5-6, 13, 16, 17, 20-21, 22, 32-33, 37, 38, 46, 58, 59.</p>	<p>5.2.03 Understand fundamental economic concepts.</p> <p style="padding-left: 40px;">Pages 5-6, 16, 17, 20-21, 22, 32-33, 37, 38, 58, 59.</p> <p>5.2.03 Understand the interaction of individuals, families, communities, businesses, and governments of Tennessee and the United States in a market economy.</p> <p style="padding-left: 40px;">Pages 13, 20-21, 59.</p> <p>Geography</p> <p>Content Standard: 3.0 Geography enables the students to see, understand and appreciate the web of relationships between people, places, and environments. Students will use the knowledge, skills, and understanding of concepts within the six essential elements of geography: world in spatial terms, places and regions, physical systems, human systems, environment and society, and the uses of geography.</p> <p>5.3.01 Understand how to use maps, globes, and other geographic representations, tools, and technologies to acquire, process and report information from a spatial perspective.</p> <p style="padding-left: 40px;">Pages 5-6, 13, 20-21, 38, 54.</p> <p>5.3.02 Recognize the interaction between human and physical systems around the world.</p> <p style="padding-left: 40px;">Pages 5-6, 13, 16, 17, 20-21, 37, 38, 42, 44, 54, 58, 59.</p> <p>5.3.03 Demonstrate how to identify and locate major physical and political features on globes and maps.</p> <p style="padding-left: 40px;">Pages 13, 20-21, 54.</p>

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<p>SOCIAL STUDIES <i>(continued)</i></p> <p>Governance and Civics</p> <p>Content Standard: 4.0 Governance establishes structures of power and authority in order to provide order and stability. Civic efficacy requires understanding rights and responsibilities, ethical behavior, and the role of citizens within their community, nation, and world.</p> <p>5.4.01 Discuss the structure and purposes of governance.</p> <p style="padding-left: 40px;">Page 13.</p> <p>5.4.03 Understand the rights, responsibilities, and privileges of citizens living in a democratic republic.</p> <p style="padding-left: 40px;">Pages 14-15, 23-24, 32-33, 37, 58.</p> <p>5.4.04 Recognize how Americans incorporate the principles of the Constitution into their lives.</p> <p style="padding-left: 40px;">Pages 14-15, 23-24, 32-33, 37, 58.</p> <p>History</p> <p>Content Standard: 5.0 History History involves people, events, and issues. Students will evaluate evidence to develop comparative and casual analyses, and to interpret primary sources. They will construct sound historical arguments and perspectives on which informed decisions in contemporary life can be based.</p> <p>Era 6 - The Development of the Industrial United States (1870-1900)</p> <p>5.5.03 Understand the development of Industrial America.</p> <p style="padding-left: 40px;">Pages 13, 46.</p>	<p>Era 9 - Postwar United States (1945-1970's)</p> <p>5.5.10 Understand the economic growth and social transformation of post WWII.</p> <p style="padding-left: 40px;">Pages 13, 18-19, 20-21, 31, 46, 59.</p> <p>Era 10 - Contemporary United States (1968 to the present)</p> <p>5.14 Understand economic, social, and cultural developments in the contemporary United States.</p> <p style="padding-left: 40px;">Pages 5-6, 13, 16, 20-21, 31, 38, 42, 44, 45, 46, 58, 59.</p> <p>Individuals, Groups, and Interactions</p> <p>Content Standard: 6.0 Personal development and identity are shaped by factors including culture, groups, and institutions. Central to this development are exploration, identification, and analysis of how individuals, and groups work independently and cooperatively.</p> <p>5.6.01 Recognize the impact of individual and group decisions on citizens and communities in a democratic republic.</p> <p style="padding-left: 40px;">Pages 12, 13, 16, 20-21, 22, 23-24, 31, 32-33, 37, 38, 39-41, 44, 46, 47-48, 58, 59.</p> <p>5.6.02 Understand how groups can impact change at the local, state, and national level.</p> <p style="padding-left: 40px;">Pages 12, 14-15, 23-24, 31, 32-33, 38, 44, 46, 58, 59.</p>
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