

Normal Park Museum Magnet Curriculum Map, 2013-2014

	A Day in the Life	Moving Along	Worlds of Wonder	Take a Walk on the Wild Side
PreK	All About Me <ul style="list-style-type: none"> • Age • Gender • Family • Homes • Friendship • Emotions • Healthy Habits • Safety Tips 	Epcot with K <ul style="list-style-type: none"> • Cultures through Literature: North America, South America, Europe, Asia, Africa, Australia 	Five Senses <ul style="list-style-type: none"> • Sight • Sound • Taste • Hearing • Touch • Animal senses • Impaired senses 	Animals in our Town <ul style="list-style-type: none"> • Forest, River, Lake, Pond, Farm Animals • Pets • Purpose of zoos, aquariums
Kinder- garten	Live, Work, Play, and Give in Chattanooga <ul style="list-style-type: none"> • Community • Community Helpers • Transportation • Citizenship • USA 	Epcot with PreK <ul style="list-style-type: none"> • Brazil • China • Mexico • Kenya • Germany 	Going Wild about Animals <ul style="list-style-type: none"> • Classification • Animal life cycles • Habitats: Delta swamp, African grasslands, Southwest American desert, American woodlands, Arctic • Characteristics • Basic Needs 	Around in Cycles We Go <ul style="list-style-type: none"> • Seasons • Day and Night • Space • Weather • Plants
1st grade	Norm L. Park Medical Academy <ul style="list-style-type: none"> • Body organs/systems • Healthy choices • Individuality 	Survivor: Ancient Egypt <ul style="list-style-type: none"> • Culture & Traditions • Economics • Geography • Social Systems • Living & Non-living • Force 	WOW! America! <ul style="list-style-type: none"> • States & regions • Map skills • History • Symbols • Famous Americans • US habitats • Government • Weather & data collection 	Under the Canopy <ul style="list-style-type: none"> • Adaptations • Geography • Conservation/ extinction • Habitats • Water cycle • Food web
2nd grade	Japan <ul style="list-style-type: none"> • Daily life • Geography • Arts & 	Native Americans <ul style="list-style-type: none"> • Environmental Resources • Roles & 	Oceans <ul style="list-style-type: none"> • World geography • Animal 	Planet Earth: A Journey through Time <ul style="list-style-type: none"> • Timeline/eras • Classification

	<ul style="list-style-type: none"> culture History Government 	<ul style="list-style-type: none"> Individuals in Tribes Daily Life & Culture Regions of the US Values Trade & Economics Moon phases/cycles 	<ul style="list-style-type: none"> classification Conservation Adaptation Habitats Life cycles Food chain 	<ul style="list-style-type: none"> Fossils Environment & Human Impact Professions Extinction Rocks-formation & layers of the earth Natural resources
3rd grade	Mission Impossible: TN Ecology <ul style="list-style-type: none"> Ecosystems- cave, forest, river, wetland, meadow Adaptations Interactions in environment 	Patterns of the Universe <ul style="list-style-type: none"> Space/Solar System Force/Motion Tools Weather Patterns/Laws Magnets 	Lightning City <ul style="list-style-type: none"> Local government Advertising Public & private Civic duty Economic systems Current (local)politicians States of Matter 	Welcome to Australia <ul style="list-style-type: none"> Geography Map Skills Landforms Culture Natural Resources Geology
4th grade	Colonization <ul style="list-style-type: none"> Concept of history Explorers Mayflower 13 Colonies Revolution Geography 	Science in the City <ul style="list-style-type: none"> States of Matter Electricity Magnetism Scientific Process Earth's features Friction, Speed, and Gravity Light Forms of Energy Moon Phases 	Going West <ul style="list-style-type: none"> Trail of Tears U.S. Landforms Louisiana Purchase Manifest Destiny Lewis & Clark Cultures Transcontinental Railroad Risk vs. Reward TN History 	Going Green in Chattanooga <ul style="list-style-type: none"> Cell Structure Adaptations of Organisms Environmental history of Chattanooga Weather and Climate Carbon footprint Life Cycles Water Cycle
5th grade	A Nation Divided <ul style="list-style-type: none"> Declaration of Independence /Bill of Rights/Constitution 	NPM 5 <ul style="list-style-type: none"> U.S. Geography TN Geography Plate Tectonics Forces of 	From Civil War to Civil Rights <ul style="list-style-type: none"> Gilded Age Union Immigration WWI 	Living Systems <ul style="list-style-type: none"> Plant & Animal cells Energy Pyramid Food Webs Animal

	<ul style="list-style-type: none"> North & South: culture/economy/politics Causes of war Slavery Reconstruction Key people/battles/events 	<p>Nature</p> <ul style="list-style-type: none"> Sea Breeze Weather/Atmosphere Man-made/Natural disasters Physical Properties Chemical Properties Changes in Matter Conserving of Matter Energy in Motion Stars Planets Space Exploration . 	<ul style="list-style-type: none"> Propaganda Roaring 20s Great Depression/Economics/New Deal WWII Civil Rights 	<p>classification</p> <ul style="list-style-type: none"> Symbiotic relationships Adaptations Ecology
6th grade				
Science	<p>Ecology</p> <ul style="list-style-type: none"> food webs energy flow roles systems biomes abiotic vs. biotic water quality ponds and streams 	<p>The Atmosphere</p> <ul style="list-style-type: none"> convection, currents, wind Sun's energy, absorption, wind Temperature differences ocean currents ocean temperatures/ weather on land weather instruments interpreting meteorological data 	<p>Universe</p> <ul style="list-style-type: none"> relative distance calendars/clocks moon/tides earth, sun, moon-seasons eclipses matter/energy 	<p>Electricity/Energy</p> <ul style="list-style-type: none"> potential v. kinetic types of energy transformations law of conservation of energy simple circuits/energy transfer comparing conductors/insulators
Social Studies- Ancient Civilizations	<p>Wonders of the Ancient World</p> <ul style="list-style-type: none"> Mesopotamia Assyrians Egypt Israel Sumerian Babylon 	<p>Ancient Greece and Rome</p> <ul style="list-style-type: none"> Early Settlements Government Religion/myths Contributions to western society 	<p>Medieval Times and Renaissance</p> <ul style="list-style-type: none"> Feudal system Christianity and government Growth of art 	<p>Subcontinent of India</p> <ul style="list-style-type: none"> Early settlements Caste system Myths Art Government Religion

		<ul style="list-style-type: none"> • Art • Major leaders 	<ul style="list-style-type: none"> • Skill development in the middle class • Major leaders • Christianity vs. Islam 	
Language Arts	<ul style="list-style-type: none"> • Personal narratives • Story elements • Golden Goblet 	Ancient Greece and Greek Myths <ul style="list-style-type: none"> • Gods/Goddesses-Greek creation myth • The Odyssey • A Fair Wind for Troy 	Middle Ages Reformation <ul style="list-style-type: none"> • Arthurian legends • Voices from a Medieval Village • 2008 Newberry Winners 	Poetry <ul style="list-style-type: none"> • Literary devices • Poetry types • Analyzing poetry • Writing poetry
Math				
7th grade				
Science	Cells <ul style="list-style-type: none"> • Cell material movement, diffusion, osmosis • Mitosis/meiosis • Levels of organization in the body 	The Earth <ul style="list-style-type: none"> • Physical properties of minerals • Rock cycle • Earth's layers • Plate movement 	Plants <ul style="list-style-type: none"> • Plant reproduction • Photosynthesis and respiration • Plant genetics/ • Punnett square 	Physical Science <ul style="list-style-type: none"> • Simple machines • Motion • Waves
7th Social Studies-World Geography	Geography 101 <ul style="list-style-type: none"> • 5 themes • Tennessee • USA & North America 	Europe & Eurasia <ul style="list-style-type: none"> • Culture • Governments • Write travel books 	Latin America & Africa <ul style="list-style-type: none"> • Econ. in 3rd world • Imports/exports • Colonization • Resource depletion • Human rights 	Asia <ul style="list-style-type: none"> • 5 major religions • Population issues • Pollution
7th	Fiction: Plot and	Nonfiction: Research	Poetry and	Poetry

Language Arts	Character Development <ul style="list-style-type: none"> Plot Elements Short Stories Standing in a Character's Shoes Literary Essay 	<ul style="list-style-type: none"> Organizational Strategies Expository Article Reading Graphics Narrative NF Hybrid I-Search 	Persuasion <ul style="list-style-type: none"> Poetic Elements Where I'm From Poem Persuasive Devices/ Speeches This I Believe Essay 	<ul style="list-style-type: none"> Literary devices Analyzing poetry Types of poems Writing poetry using literary devices
Math	<ul style="list-style-type: none"> Extending Patterns Operations with negative numbers Solving two step equations 	<ul style="list-style-type: none"> Identify Ratios Identify, write, & solve proportions Similar figures Parents 	<ul style="list-style-type: none"> Coordinate Plane Linear Algebra Direct & Inverse Variation Data Analysis 	<ul style="list-style-type: none"> Probability Surface Area & Volume Density, Mass, and Volume
8th grade				
Science	Biodiversity/Change <ul style="list-style-type: none"> organisms/gro up classification with dichotomous key Biodiversity Adaptations Fossils and relative dating 	Matter <ul style="list-style-type: none"> Periodic Table Substances/mixtures Molecular movement Acids/bases Chemical/physical change 	Inquiry <ul style="list-style-type: none"> Scientific method Setting up experiment Engineering Chemical reactions Balancing equations 	Forces in Nature <ul style="list-style-type: none"> Electricity/magnetism Gravity
Social Studies – U.S. History	Three Worlds Meet 1300-1763 <ul style="list-style-type: none"> Exploration Colonization Americanization 13 Colonies 	Revolution and the New Nation 1754-1820 <ul style="list-style-type: none"> American Revolution Creating a Republic Tennessee and the early nation Democratic society US Constitution 	Expansion and Reform 1801-1861 <ul style="list-style-type: none"> Jefferson Era Lewis and Clark War of 1812 Western Movement Jacksonian Era Slavery Industrializ 	Civil War and Reconstruction <ul style="list-style-type: none"> Civil War Reconstruction African American's role Tennessee and the Civil War Rights and roles of individuals Groups and institutions

			<ul style="list-style-type: none"> • Civil War • Reform movements 	
Language Arts	Autobiographies <ul style="list-style-type: none"> • Grammar • Literature circles 	Propaganda and Persuasion <ul style="list-style-type: none"> • Writer's workshop/expository writing • Character study 	Poetry Study <ul style="list-style-type: none"> • Author studies • Perfecting our writing • Critique writing 	Research Paper <ul style="list-style-type: none"> • Stylistic elements • Research paper • Grammar • Producing a historical newspaper based on research
Math	<ul style="list-style-type: none"> • Writing and evaluation expressions • Modeling real-world systems • Real number systems • Linear equations 	<ul style="list-style-type: none"> • Linear equations in multiple representations • Linear inequalities in 1 and 2 variables • Graphing linear equations, recognizing, evaluating, and finding roots 	<ul style="list-style-type: none"> • Non-linear functions and graphs • Quadratic equations • Recognizing, evaluating, finding roots 	<ul style="list-style-type: none"> • Quadratic equations-finding solutions by completing the square, quadratic equations, and graphs • Radical expressions and equations