

Normal Park Museum Magnet Curriculum Map, 2009-2010

| | A Day in the Life | Moving Along | Worlds of Wonder | Take a Walk on the Wild Side |
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| PreK | All About Me <ul style="list-style-type: none"> • Age • Gender • Homes • Friendship • Emotions • Healthy Habits • Safety Tips | Traveling Tales <ul style="list-style-type: none"> • Cultures through Literature | 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 | Cultural Parade <ul style="list-style-type: none"> • Tahiti • China • Mexico • Kenya • Germany | Around in Cycles We Go <ul style="list-style-type: none"> • Seasons • Day and Night • Space • Weather • Plants | Going Wild about Animals <ul style="list-style-type: none"> • Classification • Animal Life Cycles • Habitat • Characteristics • Basic Needs |
| 1st grade | Human Body <ul style="list-style-type: none"> • Body Organs, Body Systems • Nutrition • Individuality • Healthy Choices | Egypt <ul style="list-style-type: none"> • Culture & Traditions • Economics • Geography • Social Systems • Living & Non-living • Force | Rainforest <ul style="list-style-type: none"> • Adaptations • Geography • Conservation/Extinction • Habitats • Water Cycle • Food Web • Weather & Data Analysis | WOW! America! <ul style="list-style-type: none"> • States and Regions • Map Skills • History • Symbols • Famous Americans • US Habitats • Government |
| 2nd grade | Native Americans <ul style="list-style-type: none"> • Environmental Resources • Roles & Individuals in Tribes • Daily Life & Culture • Regions of the US • Values • Trade & Economics | Japan <ul style="list-style-type: none"> • Daily Life • Geography • Arts & Culture • History • Government | Oceans <ul style="list-style-type: none"> • World Geography • Classification of Animals • Conservation • Adaptations • Habitats • Life Cycle • Food Chain | Dinosaurs <ul style="list-style-type: none"> • Timeline • Classification • Fossils • Environment • Professions • Extinction |

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| 3rd grade | The Game of Life: Government & Economics <ul style="list-style-type: none"> • Branches of government (US & TN) • History of government • Civic Duty • Economic systems • Current politicians • States of Matter | A World in Motion <ul style="list-style-type: none"> • Space/Solar System • Force/Motion • Tools • Weather • Patterns/Laws • Magnets | Australia <ul style="list-style-type: none"> • Geography • Map Skills • Landforms • Culture • Natural Resources • Geology | TN Ecology <ul style="list-style-type: none"> • Ecosystems • Adaptations • Interactions in the Environment |
| 4th grade | Colonization (Play) <ul style="list-style-type: none"> • Concept of history • Explorers • Mayflower • 13 Colonies • Revolution • Geography | Myth busters <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 | How the West was Won/How the West was Taken <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 | Why Go Green? <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 | Civil War/Constitution <ul style="list-style-type: none"> • Key people • Battles • Causes • Slavery • Reconstruction • Constitution/ Bill of Rights • Declaration of Independence | Living Systems <ul style="list-style-type: none"> • Cells • Genetics • Plants • Adaptations | World Wars <ul style="list-style-type: none"> • Immigration • WWI • Key people • Holocaust • Great Depression • WWII • Civil Rights • Amendments | Solar System <ul style="list-style-type: none"> • Sun, moon, stars • Milky Way, galaxy • NASA • Exploration and Discovery |
| 6th grade | | | | |
| Science | Ecology <ul style="list-style-type: none"> • food webs • energy flow | Electricity/Energy <ul style="list-style-type: none"> • potential vs. kinetic | Universe <ul style="list-style-type: none"> • relative distance | The Atmosphere <ul style="list-style-type: none"> • convection, currents, |

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| | <ul style="list-style-type: none"> • roles • systems • biomes • abiotic vs. biotic • water quality ponds and streams | <ul style="list-style-type: none"> • types of energy transformations • law of conservation of energy • simple circuits/energy transfer • comparing conductors/insulators | <ul style="list-style-type: none"> • calendars/clocks • moon/tides • earth, sun, moon-seasons • eclipses • matter/energy | <ul style="list-style-type: none"> • wind • Sun's energy, absorption, wind • Temperature differences • ocean currents • ocean temperature/weather on land • weather instruments • interpreting meteorological data |
| Social Studies- Ancient Civilizations | Wonders of the Ancient World <ul style="list-style-type: none"> • Mesopotamia • Assyrians • Egypt • Israel • Sumerian • Babylon | Ancient Greece and Rome <ul style="list-style-type: none"> • Early Settlements • Government • Religion/myths • Contributions to western society • Art • Major leaders | Medieval Times and Renaissance <ul style="list-style-type: none"> • Feudal system • Christianity and government • Growth of art • Skill development in the middle class • Major leaders • Christianity vs. Islam | Subcontinent of India <ul style="list-style-type: none"> • Early settlements • Caste system • Myths • Art • Government • Religion |
| 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 | Shakespeare <ul style="list-style-type: none"> • Sonnets • Midsummer Night's Dream • The Shakespeare Stealer |
| Math | | | | |
| 7th grade | | | | |
| Science | Cells <ul style="list-style-type: none"> • Cell material movement, diffusion, osmosis • Mitosis/meiosis • Levels of | Plants <ul style="list-style-type: none"> • Plant reproduction • Photosynthesis and respiration • Plant genetics/Punnett square | <ul style="list-style-type: none"> • Simple Machines • Force, work • Distance, time, speed, velocity • Newton's Laws | <ul style="list-style-type: none"> • Atoms • Periodic table • Mixtures, compounds • States of matter |

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| | organization in the body | | <ul style="list-style-type: none"> Waves | <ul style="list-style-type: none"> Periodic table Classification keys Variation in populations Biodiversity Fossil record |
| 7th Social Studies-World Geography | Culture <ul style="list-style-type: none"> Religion Food Holidays | Governments around the world <ul style="list-style-type: none"> Types/essential elements Compare/contrast | Europe and Asia | How do they all interact? <ul style="list-style-type: none"> World's Fair |
| 7th Language Arts | Writing and Editing in Communities <ul style="list-style-type: none"> Summer reading project House on Mango Street Communication across cultures | Persuasion <ul style="list-style-type: none"> Writing through the academics Reading circles and guided reading Research: author studies Dialogue | Diary of Anne Frank/Night <ul style="list-style-type: none"> Writing letters Compare and contrast Tolerance Biography | The Outsiders <ul style="list-style-type: none"> Communicate Societal roles Current events |
| Math | | | | |
| 8th grade | | | | |
| Science | Biodiversity/Change <ul style="list-style-type: none"> organisms/group classification | Matter <ul style="list-style-type: none"> Periodic Table Substances/mixtures Molecular movement Acids/bases Chemical/physical change | <ul style="list-style-type: none"> Speed, velocity, acceleration Friction Newton's laws Gravity Conservation of momentum Work, power Simple machines Mechanical adv., efficiency | <ul style="list-style-type: none"> Conservation of energy Heat transfer, temperature scales, heat equation Waves Wave interactions Sound and light Electricity: Ohm's Law Nuclear Reactions |

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| 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 | <ul style="list-style-type: none"> • War of 1812- the Civil War | 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 |
| Language Arts | Autobiographies <ul style="list-style-type: none"> • Grammar • Literature circles | Propaganda and Persuasion <ul style="list-style-type: none"> • Writer's workshop/exp ository 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 |
| Math | | | | |