

	Reading - Direct Instruction	Mathematics – Saxon	Science - Core Knowledge	History - Core Knowledge
August/ September	Decoding Comprehension Spelling Object Identification Following Directions Information	<ol style="list-style-type: none"> 1) Counting – reading and writing numbers 2) Addition facts to 18 3) Subtraction facts to 18 4) Problem solving 5) Recognizing and repeating patterns 6) Money – identification and counting 7) Geometric figures 8) Measurement – seasons, calendar 9) Graphing - Pictographs, Bar Graphs, Sorting objects 	Personal Safety <ul style="list-style-type: none"> • Medicine • Fire Safety • Car Safety 	Maps/ Spatial Sense <ul style="list-style-type: none"> • Atlantic & Pacific Oceans • North and South Poles • Overview of the Seven Continents • How to use maps/globes Christopher Columbus <ul style="list-style-type: none"> • Early Exploration • Voyage in 1492 • Settlement • Mayflower & Plymouth Rock
October/ November	Decoding Comprehension Spelling Object Identification Following Directions Information	<ol style="list-style-type: none"> 1) Counting – reading and writing numbers 2) Addition facts to 18 3) Subtraction facts to 18 4) Problem solving 5) Recognizing and repeating patterns 6) Money – identification and counting 7) Geometric figures 8) Measurement – seasons, calendar 9) Graphing - Pictographs, Bar Graphs, Sorting objects 	Taking care of the Human Body <ul style="list-style-type: none"> • Germs • Hand washing • Hygiene 	Early Exploration and Settlement <ul style="list-style-type: none"> • Thanksgiving Day Celebration • Pilgrims – why they founded a colony
November	Decoding Comprehension Spelling Object Identification Following Directions Information Classification	<i>Continue previous skills</i> <ol style="list-style-type: none"> 1) Odd and even numbers 2) Fractional parts of whole 3) Place value to 1,000 4) Geometry – solving spatial problems 5) Measurement 	Human Body cont. <ul style="list-style-type: none"> • Healthy Food • Exercise 	Early Exploration and Settlement <ul style="list-style-type: none"> • Thanksgiving Day • Pilgrims Native Americans <ul style="list-style-type: none"> • Ways of life: clothing, food, homes, beliefs, current status

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		<ul style="list-style-type: none"> Telling time Estimating and comparing lengths, capacity, weight Measure with non-standard and standard units 6) Graphing - Pictographs, Bar Graphs, Sorting objects		<ul style="list-style-type: none"> Tribes
December	Decoding Comprehension Spelling Object Identification Following Directions Information Classification	<i>Continue previous skills</i> 1) Odd and even numbers 2) Fractional parts of whole 3) Place value to 1,000 4) Geometry – solving spatial problems 5) Measurement <ul style="list-style-type: none"> Telling time Estimating and comparing lengths, capacity, weight Measure with non-standard and standard units 6) Graphing - Pictographs, Bar Graphs, Sorting objects	Five Senses <ul style="list-style-type: none"> Sight (eyes) Hearing (ears) Smell (nose) Taste (tongue) Touch (skin) 	Community Workers <ul style="list-style-type: none"> What people do to earn a living Africa <ul style="list-style-type: none"> Animal life Geography – Nile River, Grasslands 3 Habitats Slavery
January	Decoding Comprehension Spelling Object Identification Following Directions Information Classification	<i>Continue previous skills</i> 1) Odd and even numbers 2) Fractional parts of whole 3) Place value to 1,000 4) Geometry – solving spatial problems 5) Measurement <ul style="list-style-type: none"> Telling time Estimating and comparing lengths, capacity, weight Measure with non-standard and standard units 6) Graphing - Pictographs, Bar	Taking Care of the Earth <ul style="list-style-type: none"> Conservation – conserving energy and resources Recycling Introduction to Magnetism <ul style="list-style-type: none"> Magnet use 	North America <ul style="list-style-type: none"> Geography Mountains USA and MA Presidents Past and Present <ul style="list-style-type: none"> George Washington Thomas Jefferson

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		Graphs, Sorting objects		
February	Decoding Comprehension Spelling Object Identification Following Directions Information Classification	<i>Continue previous skills</i> 1) Estimation 2) Commutative and associative properties 3) Masters addition and subtraction facts to 18 4) Regrouping 5) Congruent shapes 6) Measures and draws using customary units 7) Graphing – data collection, tallies	Magnetism cont. <ul style="list-style-type: none"> Classifying magnetic and nonmagnetic objects Animals and their Needs <ul style="list-style-type: none"> Living and non-living things Life Cycle Care – baby animals need to be fed/cared for by parents; pets 	Presidents Past and Present cont. <ul style="list-style-type: none"> Abraham Lincoln Theodore Roosevelt Current President
March	Decoding Comprehension Spelling Object Identification Following Directions Information Classification	<i>Continue previous skills</i> 1) Estimation 2) Commutative and associative properties 3) Masters addition and subtraction facts to 18 4) Regrouping 5) Congruent shapes 6) Measures and draws using customary units 7) Graphing – data collection, tallies	Science Biographies <ul style="list-style-type: none"> Jane Goodall – discovery that chimpanzees are intelligent and emotional Science is built on observations and contributions of individuals 	Symbols and Figures <ul style="list-style-type: none"> US Flag Mount Rushmore Statue of Liberty The White House Bald Eagle Lincoln Memorial

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April	<p>Decoding Comprehension Spelling Object Identification Following Directions Information Classification</p>	<p>Calendar, Counting, Patterns Identifying digits Counting by 1's, 5's, and 10's Telling time to the hour Comparing numbers to 10 Tangrams Comparing and measuring lengths Equivalent sets Ordering objects by size Sorting objects by shape</p>	<p>Weather and Seasons</p> <ul style="list-style-type: none"> • Four Seasons • Sun – source of light and warmth • Daily Weather changes • Weather vocabulary 	<p>Asia</p> <ul style="list-style-type: none"> • Animal Life • Location • Geography – Japan, China
May	<p>Decoding Comprehension Spelling Object Identification Following Directions Information Classification</p>	<p>Calendar, Counting, Patterns Identifying digits Counting by 1's, 5's, and 10's Telling time to the hour Comparing numbers to 10 Tangrams Comparing and measuring lengths Equivalent sets Ordering objects by size Sorting objects by shape</p>	<p>Plants and Plant Growth</p> <ul style="list-style-type: none"> • Farming • Parts • Basic needs • Life Cycle • George Washington Carver • Plant uses 	<p>Australia</p> <ul style="list-style-type: none"> • Animal Life • Location/Geography <p>Antarctica</p> <ul style="list-style-type: none"> • Animal Life • Location/Geography <p>Europe</p> <ul style="list-style-type: none"> • Animal Life • Location /Geography
June	<p>Decoding Comprehension Spelling Object Identification Following Directions Information Classification</p>	<p>Calendar, Counting, Patterns Identifying digits Counting by 1's, 5's, and 10's Telling time to the hour Comparing numbers to 10 Tangrams Comparing and measuring lengths Equivalent sets Ordering objects by size Sorting objects by shape</p>	<p>Scientific Biographies</p> <ul style="list-style-type: none"> • The Wright Brothers – invented first successful airplane • Science is built on observations and contributions of individuals 	<p>South America</p> <ul style="list-style-type: none"> • Animal Life • Location/Geography <p>Democracy</p> <ul style="list-style-type: none"> • Slavery • Why freedom did not exist for all people in the new nation

Reading— Reading instruction takes place in small groups based on individual student skill. Placement tests are used at the beginning of the year to accurately assign students to groups. As a result, not all students in Kindergarten follow the same course of study at the same pace. After initial placement tests, students are evaluated daily during reading lessons. Every 10 lessons, students complete a mastery test to determine what skills or concepts need continued practice. Strong decoding skills are combined with comprehension strategies to enable students to understand what they read and make stories come alive. The goal is for all students to be confident, strategic, independent readers. The Language program complements reading instruction. Students learn words, concepts, and statements important to both oral and written language comprehension. The program emphasizes language as a means of describing the world and as a tool for thinking and solving problems.

Mathematics — The math program provides students with a carefully sequenced development of concepts and time to practice skills in subsequent lessons. Each day begins with a math meeting to establish a routine and practice skills related to calendar, time, temperature, money, counting, patterning and problem solving. In addition, a new objective is introduced through a carefully planned group activity each lesson. Students are given opportunities to work independently and practice math skills and concepts. The goal is to develop a solid foundation of understanding for math in the upcoming years.

History and Geography- The goal of History and Geography in Kindergarten is to broaden each child's focus on the world around them. The school fosters curiosity and the beginnings of understanding of the larger world outside of the child's neighborhood and community. This is done through a variety of methods including story, drama, art, music, discussion etc. Beginning in Kindergarten, history covers topics pertaining to both world and American history providing a brief overview of major events and figures. Within the area of Geography students gain a spatial sense of the world through working with maps and globes, and begin building a geographic vocabulary.

Science-Science instruction in kindergarten focuses on hands-on experiences and observation. Students will begin to develop scientific understanding and vocabulary, which will be expanded upon in subsequent years. Through reading aloud, observations, and varied activities, students will explore common characteristics and needs of plants, animals and humans. In addition, students will observe and describe weather patterns and the seasons.

Character Education- The character education program at Mystic Valley Regional Charter School is literature based. Students listen to, read and discuss literature and how the stories exemplify the virtue of the month. The goal is to cultivate character through the promotion of basic moral, civic and intellectual virtues.¹

Music and Visual Arts- Music and the arts are an integral part of the curriculum focusing on creativity and active participation. Instruction is non-competitive and provides significant opportunities to sing, dance, listen to music, play act, listen to and read poetry, draw, paint, and create. In addition, children are also exposed to great pieces of art and music.

¹ Klee, Mary Beth; Core Virtues 2000