

Grandview Preparatory School

General Course of Study for Early Childhood and Lower School

Grade Level	Mathematics	Language Arts	Science	Social Studies	Other
Pre K-3	Math readiness includes quantity, spatial relations, numbers and counting, patterns, tactile development through sensory play and experiences.	Linguistic skills, introduction of phonetics and sound correlation, auditory and sequential activities, visual development, association skills, memory skills and identification skills	Hands-on experiences with weather, animals and plants, Opportunities to care for small animals and plants, tactile development through sensory play	Awareness of self, family, community helpers and others, celebration of holidays, social values, sharing together and taking turns	Developing self-confidence and self-esteem
Pre K-4	Quantity, counting, numbers, simple patterns and shapes, positional words, comparative words, time and measurement	Further development of verbal skills, phonetics and sound correlation, auditory and sequential activities, fine motor strengthening, writing and reading activities	Hands-on experiences with the five senses, active exploration, simple experiments and scientific method, caring for a vegetable and flower garden	Awareness of self and others as an individual and part of a family and community, locations, places and cultures, understanding social values, sharing, taking turns	Developing an eagerness to learn, establishing routines, taking care of belongings, social development and interaction, developing self-esteem and self-confidence
Kindergarten	Basic shapes; recognize patterns, use of number lines, and sequencing numbers. Children will work with odd and even number groups, one to one correspondence, place value, time concepts (hour, half hour), money concepts, (penny, nickel, dime and quarter) measurement (to inch), basic addition and subtraction.	Language patterns, word families, decoding skills, which include alphabet recognition and sound correlation, punctuation, comprehension skills, oral reading skills, listening skills, expression, recall and sequencing, journaling	Students begin the scientific method and are encouraged to develop a sense of wonder about the world around them. Activities include hands-on experiences with FOSS Kits, to observe, classify, question and discover. Science topics include nutrition, animals, weather and earth, paper and astronomy.	Areas of study include community helpers, self-awareness, family structure, basic map skills, neighborhoods and classroom relationships. The children experience the World with their "Passports Around the World" project. Resources such as the library, Internet and field trips enhance the curriculum.	Students receive instruction in Spanish, visual arts, music, performing arts, physical education, technology, and library skills on a regular basis. After school activities include enrichment such as dance, nature club, drama club and homework club.

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1st	<p>Children use concrete manipulatives to develop an understanding of math concepts and expand knowledge of numeration skills, equality/inequality, place value, patterns, problem solve, work with basic fractions, understanding shapes including geometric shapes, time concepts (hour, half hour, quarter hour), money concepts (penny, nickel, dime, quarter, half dollar) addition and subtraction to 18 including two column addition and two column subtraction.</p>	<p>Children will enhance their phonetic decoding skills, grammar skills, spelling and editing skills. Students enhance their writing skills by journaling and creative writing. Children will advance their reading skills with poetry, literature, oral reading and Word Walls. Reading skills include word attack strategies, comprehension, interpretation, sequencing, punctuation and capitalization.</p>	<p>Through hands-on experimentation in the laboratory, children continue to focus on the scientific process. FOSS Kits include experiences with insects, animals, plants, leaves, roots stems and seeds and the weather including the water cycle. Children will learn about the solar system, matter, liquids and solids, gases and magnets</p>	<p>Children will understand their community, diverse cultures and heritage and historic periods. They will gain an awareness of the value of their family. Resources such as the library, Internet and field trips enhance the curriculum.</p>	<p>Students receive instruction in Spanish, visual arts, music, performing arts, physical education, technology, and library skills on a regular basis. After school activities include enrichment such as dance, nature club, cheerleading, drama club and homework club.</p>
2nd	<p>Children further develop problem solving strategies using concrete manipulatives to strengthen and apply math concepts. Content includes: place value, addition and subtraction with regrouping, introduction to multiplication, numeration skills, equality/inequality, basic fractions, geometric shapes, time concepts (hour, half hour, quarter hour, money concepts (penny, nickel, dime, quarter, half dollar, dollar)</p>	<p>Curricular focus continues to enhance phonetic decoding skills, grammar skills, spelling and editing skills, writing skills through journaling and creative writing. Readings become more complex and include poetry, literature, oral reading, Word Walls, word attack strategies, comprehension, interpretation, sequencing, parts of speech, punctuation and capitalization. Students begin to compare and interpret literature as well as use of the dictionary and thesaurus.</p>	<p>The hands-on experience continues in science with more complex laboratory skills. Students continue to apply the scientific process through experiences with insects, animals, plants, leaves, roots, stems, seeds, the weather and water cycle. Content also includes the solar system, matter, liquids and solids, gases and magnets.</p>	<p>Content emphasizes the local community, geography, map reading skills and an introduction to larger communities. Units include an awareness of Native American heritage and culture, as well as basic early American history. Resources such as the library, Internet and field trips enhance the curriculum.</p>	<p>Students receive instruction in Spanish, visual arts, music, performing arts, physical education, technology, and library skills on a regular basis. After school activities include enrichment such as dance, nature club, cheerleading, drama club and homework club.</p>
3rd	<p>The third grade math curriculum is extended vertically through the practice of basic concepts and horizontally by compounding skills. Areas of study include: multiplication, graphs, money, fractions, basic division, strengthening addition, subtraction and regrouping skills.</p>	<p>Students experience a more detailed study of the parts of speech, sentence patterns and comprehension skills. Other areas include the study of higher-level literature, thematic comprehension, dictionary skills, book reports, spelling, reinforcement of grammar and the mechanics. Children continue to develop their writing and editing skills through journaling, creative writing and written reports.</p>	<p>Discovery and problem solving are the focus of the scientific process in third grade. FOSS Kits give children experiences with the human body, space and the solar system, earth science and simple machines.</p>	<p>Begins with an overview of world study and narrows to continents, nations and states. The student begins a perspective of his/her individual life in relation to the real world on a global scale. Study includes: global vocabulary, landforms, water bodies, states, capitals, cities, presidents and current events. Resources such as the library, Internet and field trips enhance the curriculum.</p>	<p>Students receive instruction in Spanish, visual arts, music, performing arts, physical education, technology, and library on a regular basis. After school activities include enrichment such as dance, nature club, cheerleading, drama club and homework club.</p>

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4th	<p>Further development and emphasis on accuracy in the four basic operations, including long division, with single and multi-digit displays. Detailed problem solving involving more than one operation and application of math to practical experiences. Linear measurement, metric system, probability, Roman numerals, and basic algebra and geometry concepts are also covered.</p>	<p>Through classic literature, children further develop comprehension skills, research and study skills, the writing process, word choice, grammar, parts of speech, book reports, study skills, note taking skills, outlining skills, spelling, dictionary and thesaurus skills.</p>	<p>Discovery, inquiry and problem solving using the scientific method provide the focus of the science in the fourth grade. Students explore chromatography, carbon printing, mirror imagery, collecting and recording data. Lab work also includes electricity, magnetism, magnetic poles, electrical circuits and simple machine motors.</p>	<p>The emphasis is on culture, characterizing our nation, early history, Florida history, mapping skills. Extended activities involving field trips and cross-curricular projects integrate social studies, math, science, and language skills. Resources such as the Internet and the library enhance the curriculum.</p>	<p>Students receive instruction in Spanish, visual arts, music, performing arts, physical education, technology, and library on a regular basis. After school activities include enrichment such as dance, nature club, cheerleading, drama club and homework club.</p>
5th	<p>Program emphasis here rests on mastery and continued development of the basic operations with extended problem solving applications. Students assess relationships in greater depth, deductive reasoning, conclusions, roman numerals, decimals, fractions, algebra and geometry foundations. Students also experience detailed problem solving (involving more than one operation) application of math to practical experiences, linear measurement, metric system, and probability.</p>	<p>Essay writing, spelling, reading, grammar, historical literature, classic literature, novels, vocabulary development, higher level comprehension skills are covered. Students continue to review and reinforce both the mechanics and the art of the written word.</p>	<p>Fifth grade students continue the scientific method with FOSS kits that explore topographic maps, concepts of erosion and disposition, the effect of water on surface features of the land, stream tables, and experiences with the concepts of mixture and solution, concentration, saturation and chemical reactions.</p>	<p>Areas of study include geography, economics, sociology, political science, philosophy and culture. Children understand the history of the United States. They review and discuss current events. Resources such as the Internet and the library enhance the curriculum.</p>	<p>Students receive instruction in Spanish, visual arts, music, performing arts, physical education, technology, and library on a regular basis. After school activities include enrichment such as dance, nature club, cheerleading, drama club and homework club. Children have the opportunity to participate in interscholastic sports.</p>