

Telluride Mountain School

Scope and Sequence

Updated September 2007

Mathematics/Science

Montessori at Mountain School

Pre-Kindergarten Mathematics	Kindergarten Mathematics	Pre-Kindergarten Science	Kindergarten Science
One-to-one correspondence; quantity-symbol correspondence; count to 20; perform activities of seriation, pattern and comparison; perform operations with numbers to 20 using manipulatives; sort items with 1 or 2 attributes; recognize simple plane shapes	Write numbers to 20; count to 1000*; recognize numbers to 9,999; add and subtract* two four-digit numbers with exchanging; introduction to multiplication; skip count* by 2, 5, 10; recognize symbols + - x÷; identify coins; identify odd/even; sort items with two attributes; identify* plane and solid shapes; introduction* to fractions; introduction to bar graph and collecting data; measure with standard and non-standard measures *With manipulatives	Introduction to concepts related to observation, counting, classification and measurement; introduction to solar system; cooking and simple experiments related to physical science: sink/float, magnetic/not magnetic; simple machines; living/not living; land/air/water; nomenclature related to plants and animals: bean sprouting, classroom pets, animal tracks, birds and eggs; introduction to the human body: body parts, skeleton, five senses; lifecycle: butterfly hatching	Introduction to concepts related to observation, counting, classification and measurement; introduction to solar system; cooking and simple experiments related to physical science: sink/float, magnetic/not magnetic; simple machines; living/not living; land/air/water; nomenclature related to plants and animals: bean sprouting, classroom pets, animal tracks, birds and eggs; introduction to the human body: body parts, skeleton, five senses; lifecycle: butterfly hatching

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Language Arts/Social Studies
Montessori at Mountain School

Pre-Kindergarten Language Arts	Kindergarten Language Arts	Pre-Kindergarten Social Studies	Kindergarten Social Studies
<p>Sound-symbol correspondence; recognize initial and final sounds; recognize rhymes; show book sense; recognize some environmental print; scan text left-right; listen to and discuss stories, poems, folktales, non-fiction; develop vocabulary through conversation, listening to books read-aloud and nomenclature lessons; present information at circle time (sharing); use movable alphabet to form short phonetic words; form motor programs with sandpaper letters; perform fine motor activities leading to handwriting; begin to form letters with a writing tool; copy words to label pictures and books</p>	<p>Sound-symbol correspondence: all letters and some common phonograms; read words with <i>cvc</i> pattern and some blends and digraphs; listen to and discuss stories, poems, folktales and non-fiction selections; develop vocabulary through conversation, listening to books read aloud and nomenclature lessons; give presentation on favorite book at circle time; write lower case letters in cursive; write short phonetic words with familiar patterns; write and draw in journal; make books; write short messages or greetings; introduction to the parts of speech: noun, adjective, article, verb, conjunction</p>	<p>Introduction to concepts related to space and time, including timelines, clocks, calendars, vocabulary of direction; introduction to globes and maps; overview of oceans and continents of the world; introduction to cultures of the world through art, literature and activities; globe making; introduction to land and water forms</p>	<p>Time, space and direction concepts, including analog clock, calendar and timelines of day, year, child's life; puzzle maps of the continents and the states of the US; cultures of the world; land and water forms; flat map making; introduction to climate zones and the relationship between geography and culture</p>

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Arts/Foreign Language
Montessori at Mountain School

Pre-Kindergarten Kindergarten Music	Pre-Kindergarten Kindergarten Visual Art	Pre-Kindergarten Kindergarten Drama	Pre-Kindergarten Kindergarten Spanish
<p>Children sing songs, enjoy musical movement activities and games, make music with simple instruments and listen to samples of music from around the world. They also learn to match and grade tones with the Montessori bells. Children with interest may also learn simple musical notation and note value with Montessori music materials designed for young children.</p>	<p>Introduction to media, including easel painting, watercolor, collage, <i>papier mache</i>, clay, pencils and pastels; cultural representations including Aboriginal dreamings, Native American sand painting and other traditional, communal art projects. Students engage in both open-ended explorations and guided, teacher led projects.</p>	<p>Children participate in a number of dramatic activities, including informal dramatic play and puppetry and guided dramatic activities such as fingerplays, stories, songs and rhymes. In the afternoon Enrichment Program, children participate in drama with local specialists including Sally Davis and/or Jen Nyman Julia for story theatre. Children also learn early presentation skills.</p>	<p>Informal foreign language instruction: counting, colors, body parts, clothing, names of animals, simple greetings. Arts and activities related to Spanish-speaking cultures. Bilingual (English-Spanish) storybooks.</p>