



MONTESSORI School of Denver

Montessori School of Denver 8th Grade Core Curriculum	
Math	Exposure to the full Algebra 1 curriculum including complex, linear equations in two variables, simple quadratic equations, functions and graphing, work on probability and statistics
Language Arts	Refinement of oral language, grammar, mechanics, vocabulary development and usage, emphasis on complete writing process, presentation of material, novel discussions of fiction and non-fiction titles, persuasive, expository, and research writing, as well as creative writing elements in poetry and short story writing
Research + Technology	Technology tools, internet safety, etiquette and practice, current trends, ethics, robotics, biotech + technology lab
Science Cycle Year 1 2015-16	Earth Science: Space System, Earth Systems and History of the Earth, Weather and Climate
Science Cycle Year 2 2016-17	Physical Science: Structures and Properties of Matter, Forces and Motion, Energy
Science Cycle Year 3 2017-18	Life Science: Structures and Functions of Living Organisms, Ecosystems, Evolution and Genetics
Social Studies Cycle Year 1 2015-16	Western Hemisphere: Native Americans including Ancestral Puebloans and Peoples of Mesoamerica Eastern Hemisphere: Ancient Near East, Asia/Africa, Greeks, Romans, Europe and the Dark Ages
Social Studies Cycle Year 2 2016-17	European History: Middle Ages, Rise of religions, Renaissance, Age of Reason, Age of Enlightenment, Age of Exploration, North America, Colonies and Revolution
Social Studies Cycle Year 3 2017-18	U.S History: The New Republic, American Government, Expansion, Slavery, Civil War, Reconstruction, Industrial Revolution, Gilded Age
World Language	Spanish
Practical Life	Community living skills, Socratic method, physical development (nutrition, fitness) home economics (cooking, fixing), organization, planning and time management strategies, mindfulness



MONTESSORI School of Denver

Social/Emotional/Forum	Development of self-awareness, social awareness and decision-making skills to maintain positive relationships, including communication, problem solving, and stress management strategies to help students navigate their way through the social pressures during this developmental stage
Socratic Seminar	Focuses on increasing a student's higher order thinking ability. Seminars are based around specific readings that challenge students to think beyond considerations of academic correctness. Most readings center around moral or ethical dilemmas, but may also delve into questions about social or political structure. Seminars are driven by open-ended, thought provoking questions that encourage students to consider their place in the world from a more global and holistic perspective. Questions are followed by civil, respectful conversation which allows each student the opportunity to voice his or her own opinion, consider the opinions of others, and reconsider his or her own stance on the subject matter
Projects/Occupations	Urban Farm, Hydroponic Gardening, 3-D Design, Robotics, Ukulele Building, Coffee-To-Go Business, Admission Ambassadors, Classroom Interns
Do Good/Skills	Local, national, global-based community service and service learning, studying differences between helping, fixing, and serving, project-based learning opportunity, study of current events, 8th grade Capstone project
Electives	Photography, chess, film, knitting, soft sculpture, printmaking, acting and directing, digital imagery, rock climbing, musical theater, technical theater, clay, coding, film, do good, knitting, anime, debate, creative writing
Intersession	Three week-long sessions that combine experiential learning with service learning to foster deeper exploration of topics of interest, social outreach, and community building
Arts and Athletics	Physical Education, Art, Drama, Music