



MONTESSORI School of Denver

| Montessori School of Denver 7th Grade Core Curriculum | |
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| Math | Beginning work in algebra with focus on expressions, equations and algebraic manipulation in one variable as well as ratios, rates, and percentages, exposure to geometry and properties of special angles, triangles and quadrilaterals, data analysis and statistics |
| Language Arts | Oral language, grammar analysis, word study, vocabulary development, writing, prose and poetry, varied genres of literature to connect with curriculum themes, critical thinking through literature analysis, exploration of literary elements, stylistic writing, research writing |
| Research + Technology | Use of scientific/technology tools for data collection and demonstration, internet safety and etiquette, media presentations + tech 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, physical development (nutrition, fitness) home economics (cooking, fixing), organization strategies, mindfulness |



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| 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 | 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 |
| 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 |