



MIDDLE SCHOOL Curriculum

2024-2025

	GRADE 5	GRADE 6	GRADE 7	GRADE 8						
ENGLISH & LANGUAGE ARTS	Creative and personal narrative as well as analytical paragraph and essay writing, reading and discussing a variety of novels, and practicing language skills through vocabulary and grammar exploration.	Various genres of writing that correspond with whole-class novels and book clubs; vocabulary and grammar units; collaborative discussion and presentation skills.	Exploration through reading and grammatically correct writing, the intentional use of all literary devices and author's style in short stories, poetry and literary works; expansion of critical thinking/ inferential questioning through discussion and oral presentation techniques.	Well-articulated, evidence-based, and personal writing using novels, graphic novels, and published essays as resources with an emphasis on building sophistication of thought and expression in both speaking and writing.						
MATH & COMPUTER SCIENCE	Singapore Math approach and problem solving through number theory, multiplication, division, decimals, fractions, ratio, percent, algebra, data and probability, basic geometry, and real world connections through math.	Rational numbers, patterns, fractions, decimals, percents, alternative methods of computation, data and statistics, algebraic reasoning and using algebra to solve real problems.	Operations with signed integers, algebraic expressions and equations, ratio and proportion, data and statistics, geometric properties of angles, rates of change, perimeter and area of 2D shapes, surface area and volume of 3D shapes. ACCELERATION DETERMINED VIA PLACEMENT	Linear equations and inequalities, linear functions, systems of linear equations, exponential functions, polynomials and factoring, quadratic equations and functions. ACCELERATION DETERMINED VIA PLACEMENT						
SCIENCE	PHYSICAL & EARTH SCIENCES: EV3 Robotics, Astronomy, Force & Motion, STEM Challenges	ENVIRONMENTAL SCIENCE: Waves, Energy & Matter, Ecosystems, Weather/ Climate	BIOLOGY: Cells & Body Systems, Infectious Disease, Genetics, Natural Selection, Coding/Simulation	INTRODUCTION TO CHEMISTRY & PHYSICS: Matter, Reactions, Energy, Electricity and Magnetism, STEM Challenges ACCELERATION AVAILABLE						
HISTORY & SOCIAL SCIENCES	WORLD HISTORY & CULTURES: Examination of the growth and development of human communities and cultures, with a focus on Egypt, Greece, the Indus River and China.	UNITED STATES HISTORY & CULTURES: Exploration of the development and evolution of the United States, with an eye to the impact of the past on 21st century America.	GLOBAL PERSPECTIVES: Thematic investigation of both history and the current day with a focus on understanding multiple points of view.	WORLD HISTORY 1300-1900: Study of the major civilizations and developments from 1300-1900, with a focus on the emergence of an interconnected world.						
WORLD LANGUAGES	Using familiar topics, students learn to express themselves and understand the Spanish language. Course includes emphasis on the study of Hispanic Culture.	Students expand their ability to communicate and understand the Spanish language while gaining a deeper understanding of their own culture through the study of Hispanic culture.	Students start a two year sequence in the study of French, Latin, Mandarin, or Spanish. Emphasis on building confidence with the language, basic grammar and vocabulary, and study of culture. ACCELERATION DETERMINED VIA PLACEMENT	Students continue the study of language chosen in 7th grade: French, Latin, Mandarin, or Spanish. ACCELERATION DETERMINED VIA PLACEMENT						
ARTS	Choice of Music (Band, Orchestra, or Choir) for full year plus Drama and Studio Art for one semester each	Choice of Music (Band, Orchestra, or Choir) for full year plus Drama and Studio Art for one semester each	Choice of Music (Band, Orchestra, or Choir) for full year plus Drama and Studio Art for one semester each	Students choose full-year classes of Band, Choir, Drama, Orchestra, or Studio Art						
CURRICULUM COLLABORATION	<p>LIBRARY: The library has a diverse collection of books and resources to foster lifelong reading and learning in all children. In the library, students also learn how to locate, use, and cite informational research sources ethically, and then creatively communicate their constructed knowledge through different media.</p> <p>MAKERSPACE AND TECHNOLOGY: Makerspace and technology work enhance the curriculum by igniting creativity, critical thinking, collaboration, and problem-solving skills. Equipped with modern tools such as 3D printers, laser engraver and cutters, and CNC machines, students explore, play, and prepare to lead with compassion within the community.</p>									
SPECIAL PROGRAMS & EXPERIENCES	<p>ADVISORY: The MS Advisory Program's Mission is to create a space where we develop a sense of self and belonging, foster relationships, and build strong character values so that we grow together as a compassionate and inclusive community.</p> <table border="0" style="width:100%"> <tr> <td style="width:33%"> <p>THEME: HOW DOES THE MIDDLE SCHOOL LEAD? L = Learn with Curiosity and Joy E = Embrace Challenge A = Advocate for self and others D = Demonstrate teamwork</p> </td> <td style="width:33%; text-align:center"> <p>EXPERIENCES INCLUDE:</p> <p>Guest Speakers & Presentations Off-Campus Trips Restorative Circles</p> </td> <td style="width:33%; text-align:center"> <p>PROJECTS INCLUDE:</p> <p>Family History Passport Day Passion Projects LEAD Projects</p> </td> </tr> <tr> <td></td> <td style="width:33%; text-align:center"> <p>Student Leadership Opportunities Team and Community Building</p> </td> <td style="width:33%; text-align:center"> <p>RAM Time TEAMWORK Day ROCK Awards</p> </td> </tr> </table>				<p>THEME: HOW DOES THE MIDDLE SCHOOL LEAD? L = Learn with Curiosity and Joy E = Embrace Challenge A = Advocate for self and others D = Demonstrate teamwork</p>	<p>EXPERIENCES INCLUDE:</p> <p>Guest Speakers & Presentations Off-Campus Trips Restorative Circles</p>	<p>PROJECTS INCLUDE:</p> <p>Family History Passport Day Passion Projects LEAD Projects</p>		<p>Student Leadership Opportunities Team and Community Building</p>	<p>RAM Time TEAMWORK Day ROCK Awards</p>
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WINTER TERM	Each January, students embrace a unique immersive program that allows them to venture outside of the traditional school day to extend love of learning and intellectual curiosity, encourage reflection, and enhance community relationships.									
FOR GRADES 5-8	Arts Fest, CHADS, Concerts (Fall, Winter, Spring), ERB testing, Fall Spirit Days, Flex, Helping Hands, Homecoming, Middle School Meetings, PreventEd, Puberty Education, Spring Classic, Spring Fling, Talent Show, Turkey Train, Winter Classic AFFINITY GROUPS: Asian Student Union, Black Student Union, PRISM, South Asian Student Union									
STUDENT ACTIVITIES	Open Art Studio Anime Club Athletic Development	ASAP Bible Study Club Board Game Club	Book Clubs Chess Club Chinese Calligraphy	Community Leadership Council Dance Club K-Pop Club	Drama Club Girls on the Run Knitting & Sewing Club	Lego Robotics Team Maker Club Math Team MICDS Rambassadors	Middle School Meeting Club Playback Theater	Spelling Bee Club String Ensemble 5th/6th Grade Play 7th/8th Grade Play		
ATHLETICS	7 th and 8 th Grades: Baseball, Basketball, Cheerleading, Cross Country, Field Hockey, Football, Ice Hockey, Lacrosse, Soccer, Squash, Tennis, Track and Field, Volleyball, Water Polo, Wrestling									



MIDDLE SCHOOL

Physical Education

GRADES 5-8

HEALTH AND FITNESS UNITS

ATHLETIC DEVELOPMENT

CIRCUIT TRAINING

ENERGY SYSTEM TRAINING

NUTRITION

SPEED DEVELOPMENT

STRENGTH TRAINING

SWIMMING

YOGA

TRADITIONAL SPORTS

BASEBALL

BASKETBALL

FIELD HOCKEY

FLAG FOOTBALL

LACROSSE

SOCCER

SQUASH

TENNIS

TRACK & FIELD

VOLLEYBALL

WRESTLING

WATER POLO

NON-TRADITIONAL SPORTS & PHYSICAL ACTIVITIES

AMERICAN HANDBALL

BADMINTON

CRICKET

DANCE

FUTSAL

HANDBALL

JOKGU

KABADDI

PICKLEBALL

POWERBALL

SPEEDMINTON

TCHOUKBALL

ULTIMATE FRISBEE