# Middle School Curriculum

| | ENGLISH READING (DAILY) | ENGLISH WRITING (DAILY) | HISTORICAL TOOLKIT | HISTORY (CONTENT) | SCIENCE (DAILY) | MATH (DAILY) | SPANISH (DAILY) | DESIGN + VISUAL ARTS | PERFORMING ARTS | PHYSICAL EDUCATION | COMPUTER SCIENCE | LIFE SKILLS |
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| **5** | How do readers read? Analyzing: Character development Setting, theme, and mood Narrative structure | How do writers write? Using plot, setting, character, descriptive language Paragraph Memoir Short stories Graphic novels Myths | Mapping the World. Impact of environment and resources Curated online research Learning from artifacts | What makes a civilization? Rise of cities in the Ancient World. Why there and why then? In depth study of Egypt What's changed? In depth study of Greece | Integrated Science Plant & animal life cycles Earthquakes, volcanos, erosion Renewable resources Principles of engineering | Order of operations Fractions, mixed numbers, and decimals Inequalities and expressions Ratio, percent, graphs, and probability | FLES Instructional model Speaking, comprehending, reading and writing assessed by ACTFL Courses based on student level | Creative process and portfolio building | Chorus or Band Drama (Playmaking and storytelling) | Nutrition basics Mindfulness Yoga Athletic skill building in soccer, basketball, badminton, and baseball/softball Intramural teams | Demonstrate an understanding of how information is stored Write programs using (block-based) programming languages | Building and negotiating friendships Metacognition: learning to learn Introduction to puberty Contributing to our community Human sexuality and healthy lifestyles |
| **6** | What do readers read? Memoir and biography Non-fiction multimedia, magazine, news reports Historical fiction Dystopian literature | What do writers write? Exploring personal memoir Persuasive writing and propaganda Complexity and graphic novels Dystopian short story | Mapping the World. Unit Two Impact of environment and resources across the world Curated online research Using primary sources: visual and textual | How and why did empires succeed? Case studies of Han, Inca, and Rome How do ideas spread? Look at trade and growth of the great religions of the world | Integrated Science Components of living things Carbon cycle Resources of the earth Energy and inertia | Positive and negative numbers Ratio and unit rates percent Simplifying and evaluating algebraic expressions Coordinate planes and surface area | FLES Instructional model Speaking, comprehending, reading and writing assessed by ACTFL Courses based on student level | Art history and Art analysis | Chorus or Band Drama (Playmaking and storytelling) | Nutrition basics Mindfulness Yoga Athletic skill building in soccer, basketball, badminton, and baseball/softball Intramural teams | Optimize algorithm for execution by a computer Create simulations Write programs using text-based programming language | What are my strengths and weaknesses? What are my goals for the year? What is my learning style? Organization skills Revisiting friendships Human sexuality and healthy lifestyles |
| **7** | Perception vs. Reality The context: analyzing multiple sources- text, movies, propaganda, cartoons Holocaust novels Drama and photography Science fiction Text to movies | Honing your message Creating a strong thesis Using close reading and annotations Learning the art of an essay Using multimedia for presentations Learning to debate | Mapping the World. Unit Three The impact of contact between geographically isolated areas Assessment of bias in secondary sources Research skills and working with data | Age of Exploration and the Columbian Exchange Enlightenment and scientific revolution Can ideas change the world? Technological advancement: a blessing or a curse? | Integrated Science Photosynthesis, respiration, and systems of the human body Newton's laws and kinetic v. potential energy Composition of the Earth | Real number systems Operations with integers Algebraic equations Direct and inverse proportion Introduction to statistics | FLES Instructional model Speaking, comprehending, reading and writing assessed by ACTFL Courses based on student level | Narrative in art Drawing studio | Chorus or Band Drama (Physical communication) | Interscholastic athletics by season in: Soccer Volleyball Basketball Baseball & Softball Track & Field | Engineer hardware and software to solve real life problems Create webpages with a practical, personal, and/or societal purpose | Negotiating personal relationships with peers Investigating learning style Building resilience Human sexuality and healthy lifestyles |
| **8** | A deeper dive Analyzing literature: Shakespeare Coming of Age literature The literary fight for equality: poetry, literature and movies Short story unit | A personal voice Scene presentations Personal narratives Analytic essays Literary debates Analyzing poetry Comparing literary devices across two stories | Current Events discussions Identifying sources 24 hour news cycle and the internet Assessing news sources: What is "fake news?" Understanding competing points of view | The struggle for power in America Building a government, winners and losers Who's interpretation? Constitution & Bill of Rights The fight for human rights Race, religion, gender and class | Integrated Science Cellular processes Evolution Property of matter Introduction to chemistry | Exponents and scientific notation Linear equations and functions Pythagorean theorem and geometric transportations Statistics and probability | FLES Instructional model Speaking, comprehending, reading and writing assessed by ACTFL Courses based on student level | Creating through multimedia Original project design | Chorus or Band Drama (Risk-taking) | Interscholastic athletics by season in: Soccer Volleyball Basketball Baseball & Softball Track & Field | Evaluate computer algorithms Identify strengths and weaknesses of different programming languages | Negotiating changing relationships Preparing for High School Choosing and applying for schools Test prep Human sexuality and healthy lifestyles Leadership Skills |