

2021-2022 Middle School Curriculum Guide

Grade 7 Matrix

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
LANGUAGE & LITERATURE	Belonging, Borders, and Bonds: Narrative structures, descriptive language; written and multimedia profiles; texts: <i>The Outsiders</i> , <i>Dr. Jekyll and Mr. Hyde</i> , select poems (sonnet, haiku, ode, etc.), famous visual portraits and written profiles	Creativity and Constraints: Science Fiction; presentation of knowledge & ideas, appropriate use of tone, voice and vocabulary for context, interpret figures of speech, assess information accuracy and quality from a variety of media; personal and cultural expression; world newspapers; texts: <i>The Martian</i> , select poems, personal narrative	Interdisciplinary Unit / National History Day: Creating a selective annotated bibliography (articulating the central idea of text); citing textual evidence to produce and support analysis; utilizing effective organizational structures in research, reflection, revision; presentation of knowledge and ideas; informative writing; National History Day	What is Power? Integration of knowledge and ideas to make a persuasive argument; integrating and augmenting vocabulary knowledge; convey ideas through concepts; analysis of written language; using evidence to support claims; compare and contrast across media; drawing accurate inferences from a text; texts: <i>Akata Witch</i> , graphic novels and bandes dessinées
INDIVIDUAL & SOCIETIES	How History and Geography give us an understanding of time, place and space. Unpacking history; will be explored by using the IB method of the origin, purpose, value, and limitations of sources. Topics included are: <i>The Titanic</i> and <i>Otzi (Iceman)</i>	How do we Manage The Consequences of Natural Hazards? The concept of Systems & Fairness & Development is explored by investigating how we continue to manage the physical, economic and environmental issues that natural hazards can create – comparing & contrasting writing; global investigation."	Interdisciplinary Unit / National History Day. Skill development through a chosen theme for the broad application to world, national, or state history and its relevance to ancient history or to the more recent past. Research skills, topic selection, argumentative writing, and presentation skills are developed.	How does exploration affect global interaction? The concept of causality & global interactions will be explored through Orientation in space & time by looking at the past interactions of exploration and how these interactions impacted these environments in both positive & negative ways.
MATHEMATICS	[Standard] Modeling mathematics, fractions and integers, advanced Arithmetic [Extended] Problem solving, simplifying with variables, solving inequalities & equations, graphs & equations & multiple representations	[Standard] Proportions and expressions, probability and word problems [Extended] Systems of equations, proportions & percentages, introduction to statistics, slope & associations	[Standard] Solving equations and inequalities [Extended] Circles & volumes, transformations & similarity, angle relationships, exponents & functions	[Standard] Statistics and Angles, Circles and Volume [Extended] Angles and Pythagorean theorem, surface area & volume
SCIENCE	Scientific Method - objective vs. subjective, precision vs. accuracy States of Matter - properties & states of matter Kinetic Molecular Theory - particle motion & effect on state of matter.	Atomic Structure - model, history, current understanding, atom structure Periodic Table - organization & use Chemical Bonding & Electron Behavior	Characteristics of Life - cell theory & requirements of organisms Chemistry of Life - classes & functions of biomolecules Cellular Energy - respiration & photosynthesis DNA/RNA/Protein - structure & function, replication, transcription, translation Cell Reproduction - mitosis & meiosis	Organismal Reproductive Strategies - asexual vs. sexual reproduction. Genetics - Mendelian genetics Evolution - natural vs artificial selection, speciation, adaptation Celebration of Innovation My Future My Choice
LANGUAGE ACQUISITION	Myths, Legends and Folktales. Spanish Language: Possession, adjectives, schedules, time, emotions. Cultural Study: Explore the cross cultural connection of fantasy genre and their influence on values and beliefs.	Gooooooooo!!!!!! Spanish Language: estar, ser, action verbs, sports and leisure vocabulary. Cultural Study: Look at various sports and special events in Latin American countries. Discuss the connection to one's culture.	Mind Your Manners. Spanish Language: Saber, conocer, gustar, expressions of opinion. Cultural Study: Explore social norms and etiquette around formal and informal relationships and how they differ between cultures. (UN unit connection)	A Cry for Justice. Spanish Language: Action verbs, do/should do, vocabulary relating to protests, laws and justice. Cultural Study: Learn about current and past human right events in Bolivia and Argentina.

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PERFORMING ARTS	<p>Intermediate Band: Play a traditional wind band instrument. Utilize correct posture and hand position. Produce proper tone quality. Read and perform: rhythms, pitches, tempos, articulations, dynamic levels, phrases. Understand various simple forms. Read & utilize various terms & marks. Follow the conductor's cues. Perform expressively.</p> <p>Performing Arts: Brief study of character conflict inner and outer in stories. students to write and produce a modern version of Romeo and Juliet, using modern language combined with famous lines/speeches from the original. Focus on the poetry of the text.</p>	<p>Intermediate Band: Continue to solidify that which has been learned. Expand both knowledge & skills at a challenging but attainable pace. December concert.</p> <p>Performing Arts: More time will be needed for Shakespeare show - rehearsals takes 5 weeks.</p>	<p>Intermediate Band: Continue to solidify that which has been learned. Expand both knowledge & skills at a challenging but attainable pace. December concert.</p> <p>Performing Arts: dramatic theory from Aristotle to Hollywood, including The Hero's Journey + adapt a short story from history into a short play. William Stafford poetry Jan is Stafford month.</p>	<p>Intermediate Band: Continue to solidify that which has been learned. Expand both knowledge & skills at a challenging but attainable pace. December concert.</p> <p>Performing Arts: Look at power in storytelling, and character archetypes like tricksters (Raven / Coyote, Anansi & Loki). Or our version of The Wizard of Oz (Ozgon) Or create a conceptual piece around the concept of 'power' + improv skits.</p>
VISUAL ARTS	<p>An exploration into art mediums, techniques, artists and genres (both historical and modern).</p> <p>2D Art - Drawing Fundamentals- Elements and Principles of Design</p> <p>3D Art - Ceramics - Empty Bowls Community Service</p>	<p>2D Art - Collage/Mixed Media</p> <p>2D/3D Art - Figure Drawing/Wire Sculpture</p> <p>3D Art - Ceramic Sculpture - Creating Characters - Career exploration</p>	<p>2D Art - Painting - Pointillism - Impressionism/Post-Impressionism</p> <p>3D Art - Fused Glass - Themed Art Show Piece</p>	<p>2D Art - Altered Books or Copper Relief</p> <p>2D/3D Art - Linoleum Block Prints - Printmaking Historical & Modern day</p>
DESIGN	<p>Introduction to Design: The design thinking process. Technical skill building with power tools, Makey Makeys, and coding.</p>	<p>Interdisciplinary w/Performing Arts: Stage design while focusing on prototyping and reflection</p>	<p>Creating a Better Space: Problem solving within the design lab to create a more organized space that meets the needs of all the age groups. (High fidelity prototyping)</p>	<p>Celebration of Innovation: Digging deep into the design process through investigation into a need, then the development of a prototype. The project concludes with a presentation of the students invention and process.</p>
PHYSICAL & HEALTH EDUCATION	<p>Fundamental Game Skill Building: Sports: Soccer & football. Student will discuss both the rules and safety of the each sport as well as have opportunities to develop all the fundamental skills appropriate for each sport.</p>	<p>Successful Teams: Sports: Basketball & Volleyball. Looking at how effective and successful teams function. What does it take to help a team or group perform to the best of its ability. Personal responsibility and support.</p>	<p>Rules=Fair Competition: Sports: Floor hockey & International kickball. Explore the importance of rules and why they are necessary. Look at how following rules or not following rules affect our environment as well as experiences in both international and domestic sports.</p>	<p>Fitness: Sports: Baseball & Handball. Strength and Conditioning. Review the 5 components of Fitness, explore what happens to our bodies while exercising, as well as set goals for improving performance and health. Also look at the importance of living a healthy lifestyle.</p>
ASSESSMENT & EVALUATION	Portfolios, Quizzes, Tests, Projects, Observation, Peer & Self Assessment			