

Middle School Level: Ages 12-14

Language Arts	Writing	Math	Science	Research and Technology	Cultural Studies
<p>Reading</p> <ul style="list-style-type: none"> • Interpretive reading for comprehension • Library books for research and pleasure • Literature genre • Character studies • Book talks • Literary elements • Texas Lone Star books <p>Literature Discussions</p> <ul style="list-style-type: none"> • Listening skills • Speaking with clarity, confidence, fluency • Drawing conclusions • Making inferences <p>Grammar Analysis</p> <ul style="list-style-type: none"> • Parts of speech • Compound/complex sentence structure • Diagramming • Clauses/Tenses/Moods • Transitive/Intransitive verbs • Punctuation and capitalization • Connotation and Denotation <p>Literature and Short Story Analysis</p> <ul style="list-style-type: none"> • Develop critical and analytical thinking skills <p>Word study</p> <ul style="list-style-type: none"> • Vocabulary • Analogies • test-taking strategies 	<p>Pre-writing activities, rough draft, revision, editing, final draft</p> <p>Compositions</p> <ul style="list-style-type: none"> • Multi-step writing process • Five paragraph essay • Narrative • Compare and contrast • Cause and effect • Quarterly Book Reviews • Short story • Poetry • Persuasive • Descriptive • Term papers • Literature-based Enrichment Essays <p>Mechanics of writing</p> <ul style="list-style-type: none"> • Capitalization • Usage • Punctuation • Spelling • Syntax • Transitions • Word choices <p>Peer editing: mechanics, content, purpose, and audience</p> <p>Publishing</p> <ul style="list-style-type: none"> • Oral presentation • Newsletters • Artistic displays • Exhibits <p>Journal/Reading responses</p> <ul style="list-style-type: none"> • Free writing • Literary response notes 	<p>Pre Algebra</p> <ul style="list-style-type: none"> • Decimals/fractions • Ratios/Percentages • Proportions • Statistics • Algebraic integers and expressions • Probability • Data analysis • Solving equations • Graphing linear functions • Solving linear equations • Intro to functions <p>Algebra (Pre-AP)</p> <ul style="list-style-type: none"> • Integers and operations • Linear equations • Polynomials • Factoring • Quadratic equation • Coordinate geometry • Two variable equations • Inequalities • Exponents • Pythagorean theorem <p>Geometry</p> <ul style="list-style-type: none"> • Intro – Points, Lines, Planes • Shapes • Angles • Area and volume • Proofs • Similarity • Basic Trigonometry • Congruence 	<p>Scientific Method & Nature of Science</p> <ul style="list-style-type: none"> • Scientific Method • Laboratory Safety • Type of Investigations • Research papers <p>Chemistry</p> <ul style="list-style-type: none"> • Atomic Structure • Interpreting the Periodic Table • Elements vs. Compounds • Chemical vs. Physical Reactions • Counting Atoms and Balancing Chemical Formulas • Organic vs. Inorganic Compounds <p>Biology</p> <ul style="list-style-type: none"> • Diversity of Living Things • Plant vs. Animal Cells • Living Systems-Homeostasis • Human Body Systems • Reproduction and Heredity • Earth's Changing Surface-Natural Events and Human Activities effecting Ecosystem • Living in Space – Effect on Human Body <p>Physics</p> <ul style="list-style-type: none"> • Newton's Laws of Motion • Speed, Velocity, and Acceleration • Potential vs. Kinetic Energy • Work • Force • Astronomy • Weather • Geology 	<p>Big 6 Research Method</p> <ul style="list-style-type: none"> • Identifying topics • Locating sources <ul style="list-style-type: none"> • Call numbers • Digital search databases • Dewey Decimal System • URL decomposition • Boolean searches • Validating and selecting internet sites • Primary and secondary sources • MLA parenthetical citations • Extracting information: digital note taking • Synthesizing data <ul style="list-style-type: none"> • Graphic organizers • Charts, graphs, maps, and tables • Digital presentations • MLA formatting • Self/ peer evaluation, feedback forms <p>Computer basics</p> <p>Basic keyboarding</p> <p>Digital timelines</p> <p>Easybib and Citation Machine</p> <p>Microsoft Word , Excel, Powerpoint, Picture Manager, and Publisher</p> <p>Online Britannica and online citations</p> <p>Online dictionaries, thesaurus, and quotes</p>	<p>Main Learning Experiences</p> <ul style="list-style-type: none"> • Debates, Simulations, Seminars, Interviews, Research, and Data-Based-Question Essay Writing <p>Academic Skills</p> <ul style="list-style-type: none"> • Chronological sequencing & Periodization, • Contextualization & Comparison • Interpreting & Inferring • Crafting Historical Arguments, & Synthesis <p>American History, 1491-present</p> <ul style="list-style-type: none"> • Native Americans & Columbian Exchange • *Colonial life & Revolutionary War • Constitution & the Bill of Rights • Expansion & Immigration • Antebellum America & Reform Movements • The Civil War & Reconstruction • Progressive Era and World War I • Prosperity, Great Depression, and World War II • Cold War, Civil Rights, and the Culture of Protest • Rise of Conservatism & Globalization <p>World History</p> <ul style="list-style-type: none"> • Big Geography & Cosmic Calendar • Early Hominids & Creation Stories • Neolithic Revolution & Early Agricultural Societies • Classical Civilizations: China and India • Classical Civilizations: Greece and Rome • Rise of Islam & African States • Crisis in Afro-Eurasia, Crusades & Renaissance • Chinese Dynasties of Tang/Song & The Mongols • Native American Empires & Colliding Atlantic Worlds • The West: Colonization & Imperialism • Industrialization & Muslim Empires • Rise of Russia & Japan • World Wars I and II • Cold War & Revolutions of Latin America • Decolonization: Africa & Middle East • Modernity & Globalization <p>Course Themes:</p> <ul style="list-style-type: none"> -Interaction Between Humans and Environment -Development and Interaction of Cultures -State-Building, Expansion, and Conflict -Creation, Expansion, and Interaction of Economic Systems -Development and Transformation of Social Structures

Spanish	Physical Education	Practical Life	Fine Arts and Theatre	Music	
<p>Students, at a minimum, complete Spanish I and are assessed regularly in reading, writing, and conversational Spanish</p> <p>Survival Spanish</p> <p>Translate dialogues from English to Spanish</p> <p>Paragraph development</p> <ul style="list-style-type: none"> Describe people Give/receive directions Shopping/Ordering <p>Express likes/dislikes</p> <p>Express states and feelings</p> <p>Cultural research and presentations</p>	<p>Team Sports and Team Building</p> <p>Recreational Activities</p> <p>Goal Setting</p> <p>Health and Fitness concepts</p> <p>Cardiovascular, Flexibility and Strength Training</p> <p>Cooperative games</p> <p>PE & Technology</p> <p>Safety</p> <p>Lifetime Activities</p>	<p>Socratic seminars</p> <p>Community meals</p> <p>Community service</p> <p>Grace and courtesy</p> <p>Protocol</p> <ul style="list-style-type: none"> Class meetings Group discussions Visitors/ Dignitaries 	<p>Everything in elementary plus:</p> <p>Applying aesthetic judgments and art criticism</p> <p>Employing formal method of art criticism (including aesthetic judgment)</p> <p>Exploring art careers</p> <p>Full-stage production</p>	<p>Feels the underlying steady beat of a rhyme, song or recorded musical selection/ walks to that steady beat</p> <p>Sequences movement with a partner or group in advance beginning and intermediate folk dances</p> <p>Can move the body in integrated ways in folk dances</p> <p>Sings pentatonic and diatonic melodies in tune</p>	<p>Performance based electives:</p> <ul style="list-style-type: none"> Beginning Brass Percussion Ensemble Choir <p>Reading from standard staff notation</p> <p>Listening to blend and tune with others</p> <p>Chord structures of major and minor melodies</p>