# **SHELTON SCHOOL**



# CURRICULUM OVERVIEW CHART Grades 9 – 12 UPPER SCHOOL

SUZANNE STELL EXECUTIVE DIRECTOR JUNE SHELTON SCHOOL & EVALUATION CENTER 17301 PRESTON ROAD DALLAS, TX 75252 VERSION: 2020-2021 SCHOOL YEAR

#### 2020 - 2021

## NINTH GRADE

ENGLISH I – NINTH	READING – NINTH	MATH – NINTH	SOCIAL STUDIES – NINTH
ENGLISH I	READING A	ALGEBRA I	WORLD GEOGRAPHY
Grammar/Mechanics/ Sentence Structure	*Emphasis on reading accuracy and spelling skills		
Capitalization/Punctuation	Decoding (reading)/Encoding (spelling) strategies	Properties & Concepts of numbers	Focus:
Sentence structure and usage	Fluency/accuracy strategies and drills	Variables and Expressions	
	Syllable division patterns	Integers	Study of the interrelationship of world cultures
Composition/Writing Skills	Morpheme study (prefixes, suffixes, roots)	Equations - linear	politics, and economics with the Five Themes
Writing terminology	Summarization/ Paraphrasing (oral and written)	Problem Solving Using Equations	geography (location, human-environment
Organization of ideas	Oral reading/fluency practice	Inequalities	interaction, movement, place, and region).
Paragraph development, revision,		Solving Equations by Factoring	
proofing, editing, and evaluation	<u>OR</u>	Radicals/Rationales/Polynomials	Topics:
Single and multi-paragraph essays		Graphing Inequalities	
Journal writing	READING B	Powers, Roots & Quadratic Equations	Geography terms
Narrative writing	*Emphasis on reading accuracy skills	Simplifying Rational Expressions	Regions of the world
Persuasive writing	Decoding (reading) strategies	Solving Rational Equations	Cultural Emphasis
Research	Fluency/accuracy strategies and drills	Graphing on Coordinate Plane	North and South America
Summarizing	Syllable division patterns	Graphing Linear Equations	Europe
Ethics in composition	Morpheme study (prefixes, suffixes, roots)	Graphing Quadratics	Africa
Literary response and analysis	Oral reading/fluency practice	Graphing Systems of Equations	Asia
MLA Formatting	Summarization/Paraphrasing (oral and written)	Real Numbers	Australia
c	Vocabulary development	Simplifying Square Roots	Antarctica
Literature		Functions	Current Events
Focus: Literary elements, comprehension, analysis	OR	Problem solving	
Short story		Systems of Linear Equations	Skills:
Novel	READING C	5 1	
Non-fiction - biographical	*Emphasis on reading comprehension skills		Reading and study skills
Drama	Active and close reading	OR	Morphemes
Mythology	Annotation/margin notes		Map and Graph skills
5 65	Summarization/Paraphrasing (oral and written)		Critical thinking
Vocabulary Development	Vocabulary development	GEOMETRY	Essay writing
Content based vocabulary	Morpheme study (prefixes, suffixes, roots)		Research writing
	Oral reading	Coordinate Plane	Current Event Activities
	Reading strategies for novels and other texts	Points, Lines, & Planes	
	0 0	Inductive Reasoning & Conjecturing	
	<u>OR</u>	Two Column Proofs	
		Triangles	
	READING D	Right Triangles	
	*Emphasis on reading accuracy and	Parallelogram	
	comprehension skills	Similar Polygons	
	Active and close reading	Trigonometry	
	Annotation/margin notes	Circles	
	Summarization/Paraphrasing (oral and written)	Polygons & Polyhedrons	
	Vocabulary development	Surface Area Prisms & Cylinders, Cones &	
	Morpheme study (prefixes, suffixes, roots)	Pyramids	
	Decoding strategies for strengthening accuracy	Volume Prisms and Cylinders,	
	Oral reading/fluency practice	Cones & Pyramids	
	Reading strategies for novels and other texts	Problem Solving	
		Transformations	
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Library skills are integrated throughout the curriculum. Research, problem solving, and study skills are taught across the curriculum.

## NINTH GRADE

SCIENCE – NINTH	ETHICS – NINTH	LIBRARY
BIOLOGY	ETHICS	Task definition
	Understand & differentiate between moral	Restate the problem
Scientific Method	temptations & ethical dilemmas	Identify prior knowledge
Scientific Measurements	Four tests for determining right versus wrong	
Biological Processes	Four Paradigms of ethical dilemmas	Research
Biochemistry	Nine-step process for making ethical	Gain understanding of research skills.
Cell Structure	decisions	Initiate queries and find solutions
Cell function	Create a social issues research iMovie project	
Mitosis	Roots of Violence unit	Literacy
Meiosis	Philosophies of individuals and organizations	Develop lifelong appreciation of literature
Genetics	who have worked for peace/Nobel Peace	and reinforce technology skills
Biotechnology	Prize winners	
DNA and RNA	Three resolution theories: ends-based	Information Seeking Strategies
Evolution, Classification, Structure, Function,	thinking, rules-based thinking, and care-	Identify keywords
and Reproduction in:	based thinking	Use Boolean operators: AND, OR, NOT,
Microorganisms	Anger management	NEAR & wildcards
Viruses	Aristotle's Golden Mean	
Bacteria	Assertiveness/ Aggression/Passivity	Location & Access
Protists	Respect – showing and receiving it	Apply "advanced search" strategies to
Fungi	Emotional Literacy	selected databases
Plants	Bullying/Cyber-bullying	
Animals	Choices and Attitude	Use of Information
	Bystander Responsibility	Record notes, extracting information in a choice of user-friendly formats Use MLA citation format within citation generators
		Analysis & Synthesis
		Organize thoughts and notes to formulate sound query and thesis
		Evaluation
		Identify areas for future improvement
		<b>Independent Learning</b> Seek information related to personal
		interests and academic subjects
		Organizes and presents basic information
		related to topics of personal interest
		Appreciates literature & other creative expressions of information
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#### 2020 - 2021

## **TENTH GRADE**

READING – TENTH	MATH – TENTH	SOCIAL STUDIES – TENTH
READING A	GEOMETRY	WORLD HISTORY
*Emphasis on reading accuracy and spelling skills	Coordinate Plane	
Decoding (reading)/Encoding (spelling) strategies	Points, Lines, & Planes	Focus:
Fluency/accuracy strategies and drills	Inductive Reasoning & Conjecturing	Comparison of world cultures from prehistory to
Syllable division patterns	Two Column Proofs	the Enlightenment
Morpheme study (prefixes, suffixes, roots)	Triangles	
Summarization/ Paraphrasing (oral and written)	Right Triangles	Topics 1st Semester
Oral reading/fluency practice	Parallelogram	Early Man/Archaeology
	Similar Polygons	Early Civilizations
<u>OR</u>	Trigonometry	Mesopotamia
		Egypt
		Indus
		China
		Origins of Religion/Philosophy
		Judaism
		Hinduism
		Buddhism
	Transformations	Animism
		Legalism
Vocabulary development	<u>OR</u>	Confucianism
		Daoism
<u>OR</u>		Israel
		Assyria
		Persia
		China
		Skills: 1st and 2nd Semester:
		Reading and study skills
		Morphemes
		Map and Graph Skills
Oral reading		Critical thinking skills
Reading strategies for novels and other texts		Essay writing
		Research writing
<u>OR</u>		Current Event Activities
		Topics 2 <sup>nd</sup> Semester:
		Persian Empire
	Irrational Numbers	Greek Empire
		Roman Empire/Christianity
		Byzantine Empire
Summarization/Paraphrasing (oral and written)		Islam
		Renaissance & Reformation
		Exploration & Imperialism
		Enlightenment
Reading strategies for novels and other texts		
	<b>READING A</b> *Emphasis on reading accuracy and spelling skills         Decoding (reading)/Encoding (spelling) strategies         Fluency/accuracy strategies and drills         Syllable division patterns         Morpheme study (prefixes, suffixes, roots)         Summarization/ Paraphrasing (oral and written)         Oral reading/fluency practice <b>OR READING B</b> *Emphasis on reading accuracy skills         Decoding (reading) strategies         Fluency/accuracy strategies and drills         Syllable division patterns         Morpheme study (prefixes, suffixes, roots)         Oral reading/fluency practice         Summarization/Paraphrasing (oral and written)         Vocabulary development <b>OR READING C</b> *Emphasis on reading comprehension skills         Active and close reading         Annotation/margin notes         Summarization/Paraphrasing (oral and written)         Vocabulary development         Morpheme study (prefixes, suffixes, roots)	<b>READING A</b> **Emphasis on reading accuracy and spelling skills         Decoding (reading)/Encoding (spelling) strategies         Fluency/accuracy strategies and drills         Syllable division patterns         Morpheme study (prefixes, suffixes, roots)         Summarization/Paraphrasing (oral and written)         Oral reading/fluency practice         OB         *Emphasis on reading accuracy skills         Decoding (reading) strategies         Fluency/accuracy strategies and drills         Fluency/accuracy strategies and drills         Syllable division patterns         Morpheme study (prefixes, suffixes, roots)         Oral reading/fluency practice         Summarization/Paraphrasing (oral and written)         Vocabulary development         OB <b>READING C</b> *Emphasis on reading comprehension skills         Active and close reading         Annotation/margin notes         Summarization/Paraphrasing (oral and written)         Vocabulary development         Morpheme study (prefixes, suffixes, roots)         Oral reading daccuracy and comprehension skills         Active and close reading Annotation/margin notes         Summarization/Paraphrasing (oral and written)         Vocabulary development

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## **TENTH GRADE**

CHEMISTRY		
	Overview of Sociology	Task definition
Scientific Method	Introduction to Social Sciences/Social	Identify and Restate objectives
Scientific Measurement	Perspective	Describe expected outcome or products
Characteristics of Matter	Maslow's Hierarchy of Needs	Begin to independently identify reliable
Phases of Matter	Development of Sociology	resource materials
Spectral Analysis	Events leading to dev of Sociology	Information Seeking Strategies
Mixtures	Major early sociologists/contributions	Identify broad terms, narrow terms, &
Physical Change	Research Methods	synonyms for successful research
Chemical Change	Methodology	Location & Access
Atomic Theory	Impact on society	Apply "advanced search" strategies to remote
Valence	Famous research studies	online catalog & periodicals & educational
Chrystal Structure	Culture	databases
Periodic Table	Components of Culture	Apply advanced search strategies to
Ionization	Social Institutions	recommended periodical databases
Chemical Bonding	Cultural Relativism v. Ethnocentrism	Use of Information
Compounds	American Values	Record notes, evaluating information for
Chemical Formulas	Deviance and Social Control	relevance & authoritativeness
Naming Compounds	Methods of Socialization	Use <i>NoodleTools</i> and other citation
Chemical Reactions & Equations Chemical	Theories of Deviant Behavior	generators to create bibliography
Reactions & Equations	Criminal Justice System	Analysis & Synthesis
Organic Chemistry	Race in America	Recognize sources of information during
	Racial, Ethnic, National Identity	class discussions.
	Legal, Institutional, and Environmental	Evaluation
	Discrimination	Edit and revise research throughout the
	Issues of Race in America	process
		Discard irrelevant information
		Independent Learning
		Goes beyond one's own knowledge to seek
		information on aspects of interest or
		assigned research topics
		Designs & develops information products &
		solutions related to assigned topics
		Chooses fiction & other kinds of literature for
		required and recreational reading
		Independent Reading
		Book Clubs
		Curriculum Based, student-choice reading
		Currentum Dascu, student-choice reading
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#### 2020 - 2021

# **ELEVENTH GRADE**

ENGLISH III – ELEVENTH	READING – ELEVENTH	MATH – ELEVENTH	MATH - ELEVENTH
ENGLISH III	READING A	MATH MODELS	PRE-CALCULUS
Grammar/Mechanics	*Emphasis on reading accuracy and spelling	Real Numbers and Operations	Functions
Punctuation/Capitalization	skills Review of Algebra and Statistics		Systems of Equations
Sentence pattern variation	Decoding (reading)/Encoding (spelling) strategies	Review of Geometry and Reasoning	Parameters of Functions
Composition/Writing Skills	Fluency/accuracy strategies and drills Syllable division patterns	Triangles, Quadrilaterals and other Polygons Measurement	Determining Roots Quadratic Equations
Sentence structure	Morpheme study (prefixes, suffixes, roots)	Linear Systems of Equations	Six Trigonometric Functions
Paragraph development	Summarization/ Paraphrasing (oral and written)	Similar Triangles	Solving Triangle Problems
Multiple paragraph essays	Oral reading/fluency practice	Transformations	Graphing Trigonometric Functions
Thesis development	Oral reading/fractice	Probability and Statistics	Trigonometric Identities & Equations
Essay response	OR	Quadratics	Vectors
Rhetoric in essays		Factoring	Conics
Research paper	READING B	Simplifying Radicals	Exponents
Essay writing	*Emphasis on reading accuracy skills	Exponents	Logarithms
Documentation of electronic online sources	Decoding (reading) strategies	ACT/SAT Prep	Series & Sequences
MLA formatting	Fluency/accuracy strategies and drills	ACTIONT FIED	Probability
MLA formatting	Syllable division patterns	OR	Parametric Equations
T :	Morpheme study (prefixes, suffixes, roots)		Limits of Functions
Literature	Oral reading/fluency practice	ALGEBRA II	Problem Solving
Focus: American Literature	Summarization/Paraphrasing (oral and written)	Review of Equations	*Pre-Calculus based on teacher
Rhetorical strategies in analysis	Vocabulary development	Relations and Functions	recommendation.
Short story	O.D.	Systems of Equations	recommendation.
Poetry	OR	Inequalities	
Non-fiction essay	DEADNIG G	Logarithms	
Drama	READING C	Graphing Equations	
Novel	*Emphasis on reading comprehension skills	Inequalities Systems	
Literary Analysis	Active and close reading	Problem Solving	
	Annotation/margin notes	Introduction to Matrices	
Vocabulary Development	Summarization/Paraphrasing (oral and written)	Monomial Operations	
Content based vocabulary	Vocabulary development	Radical Operations	
	Morpheme study (prefixes, suffixes, roots)	Imaginary Numbers	
	Oral reading	Quadratic Equations	
	Reading strategies for novels and other texts	Conics	
		Polynomials & Equations	
	OR	Irrational Numbers	
	READING D *Emphasis on reading accuracy and comprehension skills Active and close reading Annotation/margin notes Summarization/Paraphrasing (oral and written) Vocabulary development Morpheme study (prefixes, suffixes, roots) Decoding strategies for strengthening accuracy Oral reading/fluency practice Reading strategies for novels and other texts		

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#### June Shelton School Curriculum Overview Chart ELEVENTH GRADE

#### 2020 - 2021

SCIENCE ELEVENTH	SOCIAL STUDIESELEVENTH	PHILOSOPHY	LIBRARY
PHYSICS I	U.S. HISTORY	PHILOSOPHY	Task definition
Introductory laboratory-based course in Physics	Focus:	Philosophical Method	Develop essential questions
Introduction to Science	U.S. history from 1865-1953	What is Philosophy?	Become fluent in the used of Lib guides and other
Math Skills	TOPICS 1st Semester	Arguments	research tools
Basic Algebra Review	Review of Constitution	Basic Concepts	Information Seeking Strategies
Dimensional Analysis, Conversions	Industrialization	Deductive vs. Non-deductive arguments	Identify potentially useful sources
Problem solving technique	Immigration	C C	List search terms
Scientific Method	Progressive Movement	Epistemology: The Theory of Knowledge	
Lab Skills & Safety	U.S. Imperialism	Introduction	Location & Access
Scientific Measurements	World War I	Rationalism to Empiricism	Apply "advanced search" strategies to
Motion		Locke's Empiricism	specialized online resources,
Speed & Velocity	Topics 2nd Semester		periodicals & educational databases
Acceleration	Post WWI (1919)	Metaphysics: Free Will	
Motion & Force, Friction Forces	The Twenties	Introduction to Free Will	Use of Information
Forces	The Depression and New Deal	Hard Determinism	Evaluate information by identifying
Newton's 1st Law	World War II	Compatibilism	stereotype, bias, point of view,
Newton's 2 <sup>nd</sup> Law		Libertarianism	authority & currency
Gravity, Weight, Projectile Motion	Skills		
Newton's 3 <sup>rd</sup> Law, Momentum	Reading and study skills	Philosophy of Religion	Analysis & Synthesis
Work & Energy	Analyzing data: maps, charts, graphs, political	Introduction	Choose the BEST source for solving a specific
Work, Power,	cartoons	Ontological Argument	information problem
Simple Machines	Critical thinking	The World and Religion	Recognize sources of information when making
Potential & Kinetic Energy	Essay writing	Arguments from Religious Experience	oral presentations
Heat & Temperature	Research writing	Cosmological Argument	Liberally utilize academic databases
Temperature Scales, Heat Transfer	Current Event Activities	Teleological/Intelligent Design	
Waves			Evaluation
Types of Waves, Characteristics of Waves		Political Philosophy	Edit and revise research throughout the process
Doppler Effect		Introduction	Discard irrelevant information
Sound & Light		Plato's Crito	
Sound		Social Contract and Hobbes	Independent Learning
Light, Reflection, Refraction, Color		The Hobbesian State	Information literate, pursues information related to
Electricity		Locke's Social Contract Theory and	personal interests and academic subjects
Electric Charge, Electric Force, Resistance		The Declaration of Independence	Strives for excellence in information seeking and
Circuits, Parallel & Series		Rousseau	knowledge generation
Magnetism		Justice and Distribution	Appreciates literature & other creative expressions of
Magnets and Magnetic Fields			information
Electric Current, Motors & Generators		Skills Development:	
Nuclear Changes		Effective mote-taking	Independent Reading
Radioactivity, Nuclear Decay		Identifying the main idea	Curriculum Based, Student-choice reading
Fission, Fusion		Paraphrasing/summarization (written and oral)	Book Clubs
1 1551011, 1 051011		Research skills	
		Developing a credible argument	
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June Shelton School Curriculum Overview Chart	2020 - 2021	

#### 2020 - 2021

## **TWELFTH GRADE**

ENGLISH IV – TWELFTH	MATH – TWELFTH	MATH- TWELFTH	SOCIAL STUDIES – TWELFTH
ENGLISH IV	ALGEBRA II	PRE-CALCULUS	ECONOMICS
Grammar/Mechanics	Review of Equations	Functions	What is Economics?
Punctuation/Capitalization	Relations and Functions	Systems of Equations	Economic Systems
MLA formatting guidelines	Systems of Equations	Parameters of Functions	The Nature of Supply and Demand
Proofing and Editing	Inequalities	Determining Roots	Consumer Economics/ Prices
Documentation of valid electronic and print	Logarithms	Quadratic Equations	Market Structures
sources	Graphing Equations	Six Trigonometric Functions	Business Organizations
Evaluating quality of digital sources	Inequalities Systems	Solving Triangle Problems	Sources of Capital
	Problem Solving	Graphing Trigonometric Functions	Money & the Banking System
Composition/Writing Skills	Introduction to Matrices	Trigonometric Identities & Equations	The Federal Reserve & Monetary Policy
Sentence Structure	Monomial Operations	Vectors	Comparing Economic Systems
Paragraph development	Radical Operations	Conics	International Trade
Organization of Ideas	Imaginary Numbers	Exponents	Current Event Activities
Essay response to specific prompt	Quadratic Equations	Logarithms	
Research paper	Conics	Series & Sequences	AND
Essay writing	Polynomials & Equations	Probability	
Ethics in composition	Irrational Numbers	Parametric Equations	U.S. GOVERNMENT
Evaluation of Writing Techniques		Limits of Functions	Role of Government
Analysis/Comparison of major works by		Problem Solving	Origin of U.S. Government
same author	OR	č	U.S. Constitution
Data-based research		*Pre-calculus based on teacher	Federalism
Use of online citation site and manual for		recommendation.	Legislative, Executive, Judicial Branches
documentation			Foreign Policy
	COLLEGE ALGEBRA	OR	Legal System
Literature	Linear Functions		Rights & Responsibilities of Citizens
Focus: British Literature	Probability	CALCULUS	State & Local Government
Short Story	Quadratic Functions	Functions and graphs	The Election Process & Political System
Poetry	Logarithms	Polynomials and Rational Functions	Current Event Activities
Non-fiction essay	Variation	Limits and Continuity	
Drama	Graphing	Derivatives	POST WORLD WAR 11 (Honors Elective)
Novel	Polynomial Functions	Applications of the Derivative	(Elective course- Honors level)
Author Study	Problem Solving	Anti-derivatives	Major events in American history from end of
	Exponentials	Definite Integrals	World War II to present
	Complex Numbers	Application of Anti-derivatives and Definite	Cold War in U.S Foreign Policy
Vocabulary Development	Systems of Inequalities	Integrals	1960s and Vietnam War
SAT Vocabulary	Matrices	Problem Solving	
Content based Vocabulary		Exponential and Logarithmic Functions	HUMANITIES (Elective)
2		Differentiation and Integration with	Focus: Study of arts, culture, science,
		Exponential, Logarithmic, and Trigonometric	philosophy, music in major periods of history.
		Functions	Topics:
			Ancient World
			Middle Ages, Renaissance, Baroque, Romantic
		<b>**Calculus based on teacher recommendation.</b>	Periods
			Modern to Post-modern
			Skills:
			Reading and note-taking
			Research to build and present knowledge
			Interpreting historical trends /symbols in the arts
			Critical thinking
			Making cross-curricular connections

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## **TWELFTH GRADE**

SCIENCE- TWELFTH	SCIENCE- TWELFTH	LIBRARY	READING - TWELFTH	SENIOR ELECTIVES
PHYSICS II (Honors)	EARTH – SPACE SCIENCE	Task Definition	COLLEGE READING AND STUDY	COLLEGE WRITING (Elective)
Advanced Laboratory-Based Honors	Scientific Method	Develop essential questions	STRATEGIES	Character development
Physics	Scientific Measurement	1 1	Introduction to Learning Strategies	Conflict writing
Introduction to Physics	Astronomy	Information Seeking Strategies	Time Management Strategies	Dialogue analysis
Math Skills	Atmospheric Dynamics	Select information in a format that	College Reading Strategies	Setting extrapolation
Algebra & Trigonometry Review	Meteorology	reflects one's personal learning style	Comprehending Main Idea	Traditional, modern and slam poetry
Dimensional Analysis, Conversions	Climate		Identifying the Details	creation
Problem Solving Technique	Oceanic Kinetics	Location and Access	College Study Strategies	Author studies
Scientific Measurements	Freshwater Kinetics	Apply "advanced search" strategies to	Improving Memory	Personal essays
Motion in One Dimension	Topography	specialized online resources &	Taking Notes	Reflective essays
Displacement & Velocity	Landmasses / Plate Tectonics	educational data bases	Preparing for Exams	Submission for publication
Acceleration	Geologic Time			Biographical writing
Falling Objects	Petrology (rock studies)	Use of Information		Editing for publication
Two Dimensional Motion	Paleontology	Evaluate information by identifying		Script writing
Vectors	Mineralogy	stereotype bias, point of view,		Fable
Projectile Motion		authority and accuracy		iMovie
Relative Motion	OR			
Forces and Laws of Motion		Analysis & Synthesis		
Newton's 1st Law	ANATOMY	Create a presentation which takes		
Newton's 2 <sup>nd</sup> & 3 <sup>rd</sup> Laws	Cell Structure	advantage of one's strengths and		
Friction Forces	Cell Function	minimizes one's personal learning		
Work & Energy	Tissues	differences		
Work, Energy, Power	Integumentary System	Acknowledge the intellectual property		
Momentum & Collisions	Skeletal System	of artists, musicians, directors,		
Momentum & Impulse	Muscular System	producers, actors, readers,		
Conservation of Momentum	Nervous System	professors, world leaders, etc. in		
Elastic & inelastic Collisions	Endocrine System	spoken and written presentations		COLLEGE TRANSITION (Elective)
Vibrations and Waves	Blood and Blood Disorders			
Simple Harmonic Motion	Cardiovascular System	Evaluation		Difference between high school and
Types of Waves, Characteristics of	CPR	Identify one's own BEST work and		college: academic and social demands
Waves	Lymphatic System & Immunity	add it to a personal portfolio.		
Sound	Digestive System			Time management
Sound Waves	Respiratory System	Independent Learning		
Intensity & Resonance	Urinary System	Explores a range of sources to find		Listening skills
Harmonics	Reproductive System	information on aspects of personal		NY 1 1
Light & Reflection	Human Development	interest		Note-taking skills
Flat Mirrors	Dissection	Appreciates literature and other creative		
Curved Mirrors		expressions of information		Book notes
Color & Polarization	Placement based on teacher			
Refraction	recommendation	Independent Reading		Test types: study skills for each
Thin Lenses, Optical Phenomena		Curriculum Based, Student-choice		
Electric Forces & Fields		reading		College terminology
Electric Charge Electric Force		Book Clubs		Syllabi integration
				Synabl megration
Electric Fields				Scheduling time for papers, exams,
Electric Energy & Current Electric Potential				projects, homework, etc.
Current & Resistance				projects, nonework, etc.
Electric Power				
Electric Power		** I ibnowy chille and integrated		
		<b>**</b> Library skills are integrated		

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## **OTHER REQUIRED COURSES & ELECTIVES**

HEALTH	SPEECH	PHYSICAL EDUCATION	FOUNDATIONS OF PERSONAL FITNESS
Physical Health Nutrition Skeletal System Muscular System Digestive System Nervous System Body Composition Weight Management Tobacco, Alcohol, & Drugs Stress management Mental Health Social Health Safety/Injury Prevention Fitness Testing	Communication skills Interactive group communication Parliamentary procedures Applicable skills in interpersonal speaking Intrapersonal communication <b>Researching the content of speeches</b> Organizational skills, methods of effectively delivering ideas <b>Speeches</b> Introducing one's self Introducing an historical figure Informative (how to) Persuasive <b>Entertaining</b> Demonstration (How to) Impromptu	Kinesthetic Awareness         Locomotion skills         Non-manipulative skills         Manipulative skills         Spatial awareness         Effort         Rhythms and Dance         Rhythms basic movement         Physical Fitness         Cardiovascular fitness         Flexibility         Strength training         Lifetime activities/fitness         Assessment         Team and Individual Sports         Striking sports,         Traditional sports         Non-traditional sports         Group games         Individual sports         Lifetime Activities         Physical fitness         Traditional sports         Non-traditional sports         Individual sports         Non-traditional sports         Individual s	Topics of Study           Definition of Personal Fitness           Methods of resistance training           Designing a personal resistance program           Cardiovascular Fitness           Body Composition           Flexibility           Developing muscular strength & endurand           Nutrition           Fitness Testing           Health – related           Skill – related

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uIII	culum Overview Chart		
		Kinesthetic awareness	
		Physical Fitness	

2020 - 2021

TECHNOLOGY	TECHNOLOGY	TECHNOLOGY
COMPUTER APPLICATIONS I	YEARBOOK	WEB DESIGN
Continue development of Computer Literacy Organization of Files Effective Use of Calendars Basic Word Processing and presentation skills Spreadsheets and Managing Personal Money Assistive Technologies Movie Editing Current Trends in Technology Introduction to coding (computer programming)	Organization and leadership Planning Photography skills Reporting skills Desktop publishing skills Deadlines and time management Packaging and publication OR CREATIVE DIGITAL MEDIA	<ul> <li>Review basic concepts of HTML and Web Design.</li> <li>Using text-based coding and advanced web design tools including Adobe Dreamweaver and Fireworks.</li> <li>Web design and website management.</li> <li>Web site planning and organization.</li> <li>Designing layout and composite image of final product.</li> <li>Building web pages using HTML and CSS code.</li> <li>Building a complete website using a webpage editor.</li> <li>Comparing and contrasting, critical review of real-world websites.</li> </ul>
<ul> <li>ADVANCED PHOTO EDITING Review basic concepts of digital images. Introduce advanced photo editing.</li> <li>Master universal tools and language used in photo editing and modification.</li> <li>Discuss optimal file formats for various purposes from print to web.</li> <li>Create animation from still photos.</li> <li>Explore variety photo editing software.</li> <li>OR</li> </ul>	Combine production training and desktop publishing skills with technology based media. Desktop publishing and page layout using Adobe InDesign & Photoshop. Learn basic animation, user interaction, coding, and logical functions using Adobe Animate CC. Advertising design for print, audio, and video OR	OR CODING AND ROBOTICS Master basic programming concepts and syntax Plan program objectives, processes, and outcomes Basic robotics components Programming concepts applied to robotics control

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WORLD LANGUAGES	WORLD LANGUAGES	WORLD LANGUAGES
SPANISH I	SPANISH II	SPANISH III
Develop the ability to read, speak, and comprehend basic Spanish	Build upon Spanish I foundation to further develop their abilities to	Extend and expand ability to read, speak, and comprehend Spanish
Examine various different Spanish-speaking locations	read, speak, write, and comprehend Spanish	Master vocabulary, idiomatic expressions, and familiar sayings
Fundamental Spanish expressions	Master grammatical forms and language structures	Continue to build cultural awareness through encounters
Interviews with Spanish-speaking people	Master sight words, phrases, & sentence patterns	Read selections related to particular themes
Build cultural awareness	Fundamental Spanish expressions	Produce oral and written responses
Selections related to particular chapter themes	Experience interviews with Spanish-speaking people	Topical conversations
Oral & written responses to particular language learning exercises	Continue to build cultural awareness through encounters	Practice and improve auditory and listening skills
Improve listening skills	Produce oral & written responses to particular language learning	Create artistic projects
Create artistic projects	exercises	Expand grammar, verb tenses and syntax
Fundamental grammar, Present Tense & Syntax	Improve listening skills	
Common usage of idioms and	Create artistic projects	
expressions	Facilitate grammar, verb tenses, and	
Historical Hispanic Awareness	syntax with constant usage	
	Expand common usage of idioms and	
	expressions	
*Students must be approved to take a foreign language.	*Students must be approved to take a foreign language.	*Students must be approved to take a foreign language.

	WORLD LANGUAGES	WORLD LANGUAGES	WORLD LANGUAGES
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2020 - 2021

AMERICAN SIGN LANGUAGE I	AMERICAN SIGN LANGUAGE II	AMERICAN SIGN LANGUAGE III
Development of basic receptive and expressive language ability	Continued development of receptive and expressive language skills	Continued development of receptive and expressive language skil
with an emphasis on functional conversation skills.	<ul> <li>– emphasis on more complex grammatical structures</li> </ul>	– emphasis on fluency
Topics covered (from Signing Naturally IA curriculum)	Topics covered (from Signing Naturally IB curriculum):	Topics covered (from Signing Naturally II curriculum)
Getting to know you	Giving directions	Locating things around the house
Exchanging personal information	Describing others	Complaining, making suggestions and requests
Discussing living situations	Making requests	Exchanging personal information: life events
Talking about your family	Talking about family and occupations	Describing and identifying things
Talking about activities	Attributing qualities to others	Talking about the weekend
Storytelling	Talking about routines	
		Continued understanding of Deaf culture
Develop understanding of Deaf culture	Continued understanding of Deaf culture	
Acceptable social behaviors	Deaf experience project	Continued understanding of Deaf/ASL-related issues
Develop understanding of deaf/ASL-	Continued understanding of deaf/ASL-related issues	Special projects
related issues	Causes of hearing loss	Song interpretation
		ASL performance art
Utilizing MacBook technology for the	Special projects	
assessment of both receptive and	Interpretation of children's story	Continue interpretation exposure
expressive language skills	Story time performance with LS and UE	
		Utilizing MacBook technology for the
	Introduction to interpreting	assessment of both receptive and
	Utilizing MacBook technology for the	expressive language skills
	assessment of both receptive and	
	expressive language skills	
* Students must be approved to take a foreign language.	* Students must be approved to take a foreign language.	*Students must be approved to take a foreign language.
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#### **ELECTIVES**

FORENSIC SCIENCE	NEUROSCIENCE STUDIES	PERSONAL FINANCE	ETHICS II
Observation Skills	Neurons	Student goal: To learn how to make sound decisions	Continues subjects covered in Ethics I: Decision-
Crime Scene and Investigations	Action potential	about spending and managing their money	making strategies and Dealing with conflict
Hair and Fiber Analysis	Synaptic transmission	Focuses on learning principles of economics and	Examines the five Ethical systems
Fingerprints	Nervous system	managing finances.	Conducts Socratic seminars exploring important
DNA Profiling	Visual, auditory, somatic, and vestibular systems	Topics learned and practiced:	current ethical issues
Blood	Resting brain, attention, and consciousness	Budgeting	Examine the transformation of cultural ethics
Toxicology	Medicinal and recreational drugs	Saving for future goals	
Handwriting and Forgery	Memory systems and wiring-mechanisms of learning	Investing	
Psychology and Serial Killers	and memory	Bank accounts/credit	
Death Manner, Mechanism, and Cause	Neurodegenerative diseases	Big purchases (cars and homes)	
Anthropology		Insurance	
		Estate Planning	
		Tax Regulations and Forms	
		-	

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2020 - 2021

VISUAL ART – ELECTIVE – UPPER SCHOOL	VISUAL ART – ELECTIVE – UPPER SCHOOL	STUDIO ART – ELECTIVE – UPPER SCHOOL
ART I (Introduction To Visual Arts)	ART II (Intermediate Visual Arts)	ART III (ADVANCED) – Studio Art
Orientation	Orientation	Orientation
Introduction to Upper School Lab	Introduction to Upper School Lab	Introduction to Upper School Lab
Safety Rules	Safety Rules	Safety Rules
Care, use, & location of materials	Care, use, & location of materials	Care, use, & location of materials
Elements Of Design	Elements And Principles Of Design	Elements And Principles Of Design
Shape, line, form, texture, value, color, and space	Expanded in practice	Expanded in practice
Principles Of Design	Philosophies Of Art	Philosophies Of Art
Balance, emphasis, movement, rhythm, pattern, contrast, unity	Imitationalism, functionalism, formalism, expressionism	Expanded in practice
Sketchbook	Portraits	Sketchbook
Used for terminology, techniques, experimentation	Facial proportion, drawing techniques	Used for terminology, techniques, experimentation
Performance With Various Media	Sketchbook	Drawing weekly assignments to improve composition & drawing
Initiated by teacher, selected by student	Used for terminology, techniques, experimentation	skills
Drawing, painting, ceramics, printmaking, collage	Performance With Various Media	Performance With Various Media
Evaluation Of Art	Initiated by students as a class, selected by student	Initiated by students as a class, selected by student
Creativity, craftsmanship, attention to detail, philosophic intent,	Same as Art I, plus	Same as Art II, plus
project guidelines	Fibers, pottery, paper-mache, carving	Fibers, pottery, paper-mache, carving, digital photography,
Focus	Careers In Art	library project (literacy based painting)
Vocabulary development, self-expression, skill development,	Lives/Works Of Significant Artists	Careers In Art
creative confidence, perception of visual relationships,	Artist research project/presentation	Lives/Works Of Significant Artists
aesthetic awareness, art history, and art appreciation	Evaluation Of Art	Evaluation Of Art
	Creativity, craftsmanship, attention to detail, philosophic intent,	Creativity, craftsmanship, attention to detail, philosophic intent,
	project Guidelines	project guidelines
	Focus	Focus
	Vocabulary development, self-expression, skill development, creative	Vocabulary development, self-expression, skill development,
	confidence, perception of visual relationships, aesthetic awareness, art	creative confidence, perception of visual relationships,
	history & appreciation, greater emphasis on production	aesthetic awareness, art history, art appreciation,
		Greater emphasis on production and philosophic intent
		Students may complete additional Studio Art courses as
		independent

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## **ELECTIVES**

THEATRE ARTS	THEATRE ARTS	THEATRE ARTS	THEATRE ARTS/FILM
THEATRE ARTS I-General Survey	THEATRE ARTS IIP-Beginning Acting	THEATRE ARTS IIIP – Advanced Acting	FILM I, II, III-Introduction and
Elements that create Theatre	Principles of Acting		Advanced Film
Playwright	Vocal Techniques	Related concepts from Theatre Arts I	Historical Perspective of Film
Director	Awareness of Body/Movement	Hierarchy of acting, writing, and directing	Image Making (Social Responsibility)
Stage Manager	Script Analysis	Historical overview of theatre	27 Exposures Visual
Production Staff	Character Development	Preparation of actor, writer, and director	Storytelling
Actor	Overview of Acting Styles and Techniques	Styles of actor, writer, and director	Camera Set-up (building a camera)
History and styles of theatre	Perform Monologues and Short Scenes	Write reviews of live performances	Lighting/Sound (Gaffing/Audio/Grip)
Performance Basics:		Performances:	"Crew Out" experience
Improvisation		Monologues (Classic and Contemporary)	Terminology
Movement		Duet scenes	Storyboarding/logging
Vocal Techniques		Text Analysis	Pre-Production/Production/Post-Production
Character Development		Text/Subtext	Expectations for production
Monologues		Directorial Concept	In-camera Editing
Duet Scenes		Vocal physiology/Diction	Edit on P.C. "Vegas"
Script Reading		Body control	Collaborative Project
~ <u>F</u>			Two individual projects
			Project on Theme & Edit
			FILM IV—Senior Independent Study
			Propose, design, and develop film project
	THEATRE ARTS II-T – Introduction to		Develop and manage project schedule
	Technical Theatre	THEATRE ARTS III-T – Advanced Technical	Refine project drafts
	Technical Incarre	Theatre	Present and submit final project
	Students learn:	Theatre	resent and submit final project
	• to further their understanding of the related	Related concepts from Theatre Arts I	
	concepts from Theatre Arts I.	Design, construction, stage management, and business management	
	• the hierarchy of design, construction, stage	Responsibilities of stage management	
	management, and business management.	Production elements of lighting, set, sound, costumes, make-up, properties, special effects,	
	• the business in theater.	and computer assistance Proper safety and use of tools and equipment in the	
	• the responsibilities of stage management.	shops Design project in selected area of expertise	
	• advanced work in the production elements of	Design lab	
	lighting, set, sound, costumes, make-up, properties, and special effects.	Construction lab	
	• proper safety and use of tools and equipment in the shop.		
	• to complete a design project in a selected area of expertise		

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#### ELECTIVES

MUSIC -Band	MUSIC – Choir
BAND	CHOIR
General Skills	Vocal techniques
Ensemble Entrance, Exit & Seating	<ul> <li>Posture and Breathing</li> </ul>
Instrument Assembly, Care, & Maintenance	Warm Up
Instrument Identification & History	Intonation and Diction
Technique & Performance	• Music Notation
Selection of wind instrument or percussion	Waster (otation
instrument	Reading music/sight-singing
Playing Positions	Apply music notation to reading
Tone Production & Development	and singing music
Performance of the 12 Chromatic Notes	<ul> <li>Aural recognition of intervals</li> </ul>
Melodic Study-"Let's Go Band"	<ul> <li>Vocal reproduction of intervals</li> </ul>
Melodic Study-"Mountain Hoe Down"	• vocal reproduction of interval
Melodic Study-"Zip Drive"	Ensemble singing
Melodic Study on Additional Melodies	Unison
Introduction-Major/Minor/Chromatic Scales	
	Harmony
Music Theory, Notation & Terms	• Balance and listening
Staff Construction	<ul> <li>Lead vs. Backup singing</li> </ul>
Key & Time Signature; Tempo	<ul> <li>Teamwork</li> </ul>
Rhythmic Studies; Pitch Studies	•
Idiomatic Phrases	Music literature and Appreciation
	<ul> <li>Music history</li> </ul>
Social Development	<ul> <li>Music literature: Early western</li> </ul>
Team Building & Cooperation	to modern styles
Building Self-esteem	•
Emphasizing Success Through Practice	Performance
Appreciation for Music Music Performance	Memorization
Motor Development	Managing performance anxiety
Posture; Hand – Eye Coordination	Creative expression
rosture, manu – Eye Coordination	J enpression

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