HISTORY 1

ESSENTIAL QUESTIONS

•	Why do different groups of people immigrate
	to the United States?

- How do geography and resources affect the economy, politics, and social organization of a nation?
- What did it mean to become an independent United States? And what did it mean to be an American?
- · How are borders and sovereignty fluid?
- When should an individual take a stand in opposition to something they don't agree with?

6TH GRADE

7TH GRADE

8TH GRADE

- How does the environment influence human migration, how people live, and the
- How do we create systems to connect people as groups?

development of societies?

- How do we as a society interact when we have different priorities?
- What is a civilization? Who decides what is a civilization?
- What happens when the belief systems of a society and a group of individuals come into conflict?

- · Why do societies become interconnected?
- What are the ways people of different cultures interact? What are the effects of their interactions?
- What impact does human expansion have on the environment?
- What is power?
- What is an individual's responsibility to the community, as well as the community's responsibility to the individual?

- What does freedom mean to different groups of people?
- How does the expansion of a nation state impact diverse groups within a society?
- · Who is considered an American?
- · How do we eliminate racism?

• Making a New Nation

5TH GRADE

- The Land and People before Columbus
- Age of Exploration and Encounters between Europeans and Native Americans
- · Cooperation and Conflict in North America
- Settling the Colonies
- Evolution of the Labor System in the Colonies
- · The Road to War
- The Development and Significance of the U. S. Constitution
- New Nation's Westward Expansion and the Impact on Indigenous Environments and Resources

- World History and Geography: Ancient Civilizations
- Early Humankind and the Development of Human Societies
- The Early Civilizations of Mesopotamia, Egypt, and Kush
- The Ancient Israelites (Hebrews)
- · Ancient Greece
- The Early Civilizations of India
- · The Early Civilizations of China
- The Development of Rome

World History and Geography: Medieval and Early Modern Times

- The World in 300 CE
- Rome and Christendom, 300-1200
- Southwestern Asia, 300-1200: Persia and the World of Islam
- South Asia, 300-1200
- East Asia, 300-1300: China and Japan
- The Americas, 300-1490
- West Africa, 900-1400
- Sites of Encounter in the Medieval World, 1150-1490
- Global Convergence, 1450-1750
- The Impact of Ideas, 1500-1750

- United States History and Geography: Growth and Conflict
- The Development of American Constitutional Democracy, 1776-1788
- Envisioning a New America, 1788 early 1800s.
- The Divergent Paths of the American People, 1800-1850
- The Causes, Course of, and Consequences of the Civil War
- The Rise of Industrial America, 1877-1914

Alcatraz Uncovered: The historical context of national events and their impact on Alcatraz

- California Historical Society
- Tour of The California State Capitol
- Angel Island Immigration Station

· Investigating artifacts: archaeology

- Full Belly Farm agriculture study
- · Phoebe A. Hearst Museum of Anthropology
- · Rosicrucian Egyptian Museum
- Places of worship: Buddhist, Jewish, etc
- Creation of ancient site to scale, including demonstration of technology used to build
- · Industrial arts at The Crucible

· Chinese Historical Society

- Islamic Society of San Francisco
- · Iranian and Persian cultural organizations
- Schooner trip on SF Bay
- Ashland Shakespeare Festival
- Marine ecology trip

Trip to Washington DC

- Meet and interview a local or state representative
- Follow a bill through Congress
- · Civil War fort on Angel Island

LANGUAGE ARTS

ESSENTIAL QUESTIONS

TOPICS

HIGHLIGHTS

· How do we use different types of writing

· How do writers gather and organize relevant information?

to communicate ideas?

5TH GRADE

- How do you know which resource materials to use?
- · How do readers distinguish between relevant and irrelevant non-fiction text?
- · How does historical fiction provide a perspective into real life?

6TH GRADE

· What can we learn from characters about the people around us?

- · How does writing help us think and express ourselves?
- Which experiences shape our sense of ourselves?
- · How can I communicate the importance of my experience?
- · What is my point of view?

7TH GRADE

- · How does expressive reading and writing support the development of personal and social identity?
- · Why is the ability to read and write informational pieces essential to function in
- · How is language used to influence perspectives, decision making, and actions?
- · How do personal and social identities change as a result of research and the exchange of information and ideas?
- What are the major differences between a modern drama and a Shakespearean drama?

8TH GRADE

- · How does writing reflect personal experiences?
- · Which has more benefits: writing a persuasive letter or trying to convince someone verbally?
- · What effect, if any, does the writing purpose have on organizational structure?
- · What is the impact of the First Amendment on the press and how does it impact student journalism?

· Explore history through novels and research

- · Investigate relationships and perspectives through the writing of personal narratives
- Manage nonfiction sources, including primary and secondary materials
- · Comprehend and synthesize multiple texts and other sources
- · Research-based argumentative essay
- · Find and cite evidence to support opinions regarding text
- · Research reports
- · Media literacy: evaluating online sources

Thesis based personal essay

- · Writing personal narratives
- Writing literary essays
- · Non-fiction topic of personal interest to research for an informative speech
- · Root words, prefixes, suffixes, Latin cognates
- · Literary devices metaphor, simile, imagery, symbolism, and hyperbole
- · Analyzing text organization
- · Media literacy: taking responsibility for your online presence

Multimedia presentations

- Analyzing online sources
- · Writing realistic fiction
- Literary essays
- · Research-based argumentative essays
- Shakespeare
- Citation formats
- · Media literacy: What is "fake" news?

Investigative journalism

- Literary essays
- · Position papers: research and argument
- · Multimedia presentations
- · Analyzing informational texts with conflicting information
- Analyzing the craft and structure of poems and fiction
- Appreciating literature through Newbery Medal Award books - book fair presentations to school community

· Create high quality keepsake book for their kindergarten buddy

- · Research report fair: presenting to the community
- · Digital publishing of essays

- · Digital publishing of narratives
- · Publish a school newspaper
- · Soap box project: public speaking on topic chosen and researched by student

Ashland Shakespeare Festival

- Publish a class literary magazine
- · Create and maintain Crestmont student website on students' favorite books

· Capstone project - written, multimedia, oral presentation

- · Writing for social activism
- · Create and maintain a website of every day local heroes and changemaking efforts
- · School yearbook

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TOPICS

HIGHLIGHTS

5TH GRADE

6TH GRADE

7TH GRADE

8TH GRADE

• What can affect the relationship between numbers?

- · How does multiplying fractions relate to real world problems?
- What patterns occur in our number system?
- Why are numbers and operations represented in many different ways?
- Why do we need both decimals and fractions?
- · How do you decide when it's appropriate to use factors and multiples?
- · Why do we have negative numbers?
- · What are some real world applications for fractional operations?
- · Why are there so many different forms of numbers to represent the same value?
- · What makes a solution reasonable?
- · Why is it useful to represent situations in different ways?
- · Which is better to base choices on, experimental or theoretical probability?

· Decimals - place value and all operations

- Volume
- · Fractions all operations
- Geometry 2D figures
- Coordinate graphing
- Measurement & data
- · Fluency with whole number operations

- · Ratio and proportional relationships
- Applying decimals and fractions to solve problems
- · Number theory and rational numbers
- · Use of variables in equations
- · Statistics and probability
- · Coordinate planes
- · Geometry area, surface area, and volume
- Fluency with using operations to solve problems

- Applying understanding of ratio and proportion to solve problems
- Expressions and equations
- Understanding integers
- · Probability and statistics
- · Plane geometry area, perimeter, angles, symmetry
- · Solid geometry surface area, volume, and properties of solids

- Linear equations
- Functions
- · Area and Pythagorean theorem
- Polynomials
- · Scale and geometric constructions
- · Quadratic equations and functions

· How were free states and slave states represented in Congress?

- · How much of what you see in the media is advertising?
- · How do the rules of an election affect who wins?
- · Design a playground for new campus
- · Do taller Olympic sprinters have an unfair advantage?
- · How have temperatures changed around the world?
- Are solar panels worth the cost?
- · Create simple video game: apply translations, rotations, reflections, and dilations to solve a simple game

SCIENCE

8TH GRADE 5TH GRADE 6TH GRADE 7TH GRADE • What are the ways matter can change? · What makes up our solar system and universe? · How do organisms evolve? · Why do different kinds of matter act the **ESSENTIAL QUESTIONS** way they do? · How does the earth's movement through the · How and why do living things reproduce? Can new substances be created by combining · How and why do objects move? other substances? solar system affect us? · How do living things interact to survive? • How does water move around and through • How has life on Earth changed over time? · How does energy transfer? • What do living things need? the world? · What geologic activity happens on How do scientists use models? · What are the building blocks of life? • What is energy? How do we use energy? Earth's surface? · How do scientists think? · How are living things organized? · How do we observe things moving · How does the atmosphere change and how · What are waves? in the universe? does that cause weather? · How does matter/energy cycle · How do people use the Earth and how does our use affect it? through ecosystems? TOPICS · Conservation of matter and energy · Life cycle of stars Evidence for evolution Matter and its interactions Alchemy · Origin and model of solar system Natural selection · Motion and stability · Density and measurement · Mineral and rocks · DNA, genes, and sources of genetic variability · Experimental design · History of life on Earth • Newton's Laws • Water as a resource, water cycle Reproduction • Sources of alternative energy • Earthquakes and volcanoes · Populations, communities, and ecosystems · Magnetic and electrical forces • Types of energy and transformations · Weather and climate · Characteristics of living things · Mathematical models of explaining waves Cells · Nutrient cycles and food chains Climate change · Light and sound · The scientific method · Weathering, erosion, and landslides • Body systems · Rocks, minerals, and mining · Survey of life Science ethics · History of science • Visit to CA Academy of Sciences Terrariums · Create solar system model Visit to Exploratorium · Optional dissections · Alternative energy project · Astronomy Night and/or visit Chabot · Amusement park physics

· Rube Goldberg device

- · Making fossils and stream models
- · Scaled geologic timeline project
- · Project Mare Islands curriculum

- Disease reports
- Marine ecology overnight at Ft. Ross

SPANISH 5

6TH GRADE 7TH GRADE 8TH GRADE 5TH GRADE · What should I do in my head when trying to · What am I afraid of when speaking the · How does learning another language change my · How can I explore and describe cultures **ESSENTIAL QUESTIONS** view of the world? learn a language? language? without stereotyping them? · How can I express myself when I don't know · What cultural lessons can another language How can I overcome my hesitancy? How can learning a another language enrich the words of the target language? show me? my life? · Verbs: present tense; -ar, -er, -ir verbs · Verbs: past tense · Verbs: past, present, future Verbs: irregular TOPICS · Vocabulary: directions, cognates, family, foods · Vocabulary: ordering at a restaurant, schedules, · Vocabulary: travel, music, sports · Vocabulary: meeting people, shopping, clothing, likes and dislikes asking for help · Grammar: noun-adjective-article agreement · Grammar: writing paragraphs • Grammar: writing an essay · Grammar: questions, writing a string of Spelling Spelling sentences Spelling · Culture and Geography: understanding · Culture: South American Spelling Mexican influence in the U.S. · Culture: European Culture: Central American and Caribbean · End of year choral performance in Spanish · Preparing a Central American meal for the · Write books with illustrations all in Spanish, · Emailing with pen pals in Spanish HIGHLIGHTS school, inviting parents, all marketing is done and share with younger grades (with dramatic · Present a bilingual play to school community performances) · Make a piñata for party organized for grades K-2 · Fashion show done in Spanish · Study South American poetry and share at National Poetry Day · Order a meal in Spanish at a local restaurant

VISUAL ARTS

6TH GRADE 7TH GRADE 8TH GRADE 5TH GRADE MAKING, PRACTICING INTEGRATING, COLLABORATING LOOKING OUTWARD LOOKING INWARD **ESSENTIAL QUESTIONS** • What does the artistic process look like? · What's my perspective? • Does art have to be permanent to make Can art ask questions? an impact? · How do I solve problems as I move through an · How can I use metaphors in my work? · Where do artists find inspiration? art project? · Can we design a world that's more in harmony • What do I do with feedback from peers? · How do I communicate clearly with an image? • How do we define success in art? • How can I see the world through an • How do I find my own voice as an artist? • Can art be something that others can · Does art have to be about something? artist's eyes? participate in? · How can we integrate art with our world? · Shading, creating dimension, perspective Green/environmental design - Friedensreich Framing your world • Art as political commentary - Banksy TOPICS Hundertwasser and Frank Lloyd Wright Still life · History of photography · Mimicking style/process as a way of learning · History of murals in the Mission · Dry brush, wet brush techniques · Editing a photograph · Designing and completing a final project · Creating a work that others can participate in · Joining clay, finishing surfaces • Editing a series · Graphic design • Impermanent pieces - Vic Muniz · Chuck Close · Composite image making: David Hockney • Tattoos? Wabi-sabi HIGHLIGHTS · Continue work on the Crestmont mural · Mural in the community - greenway · Pinhole cameras · Case study of an artist Painting on canvas • On-site sculpture - clay · Camera obscura · Opinion piece: poster • Wings and portraits for Crestmont · Bookmaking: photography · Independent project · Coil and slab construction - clay • Working large - fall installation

- · Annual self-portrait: Chuck Close
- Building design
- · Annual self-portrait: chocolate

- Cyanotypes
- · Annual self-portrait: photo

6TH GRADE 7TH GRADE 8TH GRADE 5TH GRADE INTRO TO THEATER THEATER AROUND THE WORLD SELF-EXPLORATION THROUGH **POLITICAL THEATER ESSENTIAL QUESTIONS THEATER** • What is theater? Why do we do it? · How did the environment influence theater in · What elements make a play various cultures around the world? • How do I see myself? How do others see me? engaging, effective? · What elements make a scene effective How are these two images the same · What do different culture's theater arts have in • What is the goal of a play? and engaging? and different? common and how are they different? · How do we use/control our bodies and voice to · What is the role of dramatic arts in the · How do I control how others see me? How do I · What is the role of theater in various cultures? portray meaning/emotions in daily life? human experience? want to be seen? · How can theater be used as a vehicle · How do actors portray the inner and outer for change? aspects of a character? TOPICS Introduction to different types of performing · Study of various forms of theater through Character studies History of theater overview arts and specifically types of theater history and throughout the world • Preparing a character for performance Playwrite studies • Introduction to the actor's use of their body • Study of short stories including subtext · Introduction to political theater and voice as an instrument • Using stories to show a piece of who we are · Connection to visual arts throughout the world · Introduction to the basics of modern theater · Host Crestmont's own "The Moth Story Hour" forms in production · Production of a collection of scripted scenes · Production of original mini-plays inspired • Production of original and scripted monologues · Production of a full scale original political play by the study of world civilizations and that explore self-identity theater history

· Ashland Shakespeare Festival

5TH GRADE

7TH GRADE

8TH GRADE

· What is sportsmanship and why is it important?

- How can your behavior and choices affect your learning and the learning of those around you?
- · What does it mean to strive for excellence?
- Why do we have rules for sports?
- · What does it mean to be a good teammate?
- · How does communication affect cooperation?
- · Why is it necessary to set fitness goals?

6TH GRADE

- What kind of focus do I need to improve at a skill?
- What can I learn from participating on a team?
- · What does it mean to be a team player?
- How can you improve performance?
- What types of movement are fun?
- How can I pay attention to what my body is telling me?
- · What does it mean to be an athlete?

- · How can I encourage teammates?
- · How can I push myself in positive ways?
- What messages does the media give us about athletes and sports?
- What are my physical limits?

• Benefits of warm ups and cool downs

- · Aerobic vs anaerobic exercise
- · Importance of daily exercise
- · Introduction to healthy nutrition
- · Soccer introductory skills and strategy
- Basketball introductory skills and strategy
 Volleyball introductory skills and strategy
- Cross country introductory skills and strategy

- Heart rate monitoring RPE (Rate of Perceived Exertion)
- Determining a workout's level of intensity based on personal baseline
- · International games, i.e. cricket, gola, etc.
- · Nutrition for energy and fitness
- · Field hockey introductory skills and strategy
- Ultimate frisbee introductory skills and strategy
- · Track and field introductory skills and strategy
- · Handball introductory skills and strategy

Core workout

- · Personal fitness choices
- · Teamwork and communication
- · Individualized healthy eating choices
- · Soccer intermediate skills and strategy
- Basketball intermediate skills and strategy
- · Volleyball intermediate skills and strategy
- · Cross country -intermediate skills and strategy

- Outdoor skills for camping and backpacking
- · Personal fitness interests and goals
- · Media and body image
- · Personalized workouts
- · Field hockey intermediate skills and strategy
- Ultimate frisbee intermediate skills and strategy
- · Track and field intermediate skills and strategy
- · Handball intermediate skills and strategy

· Survey and interview adults re: daily exercise

- · Movie Pelada soccer around the world
- Experiments with sugar in processed foods
- After-school team sports start
- Pair projects designing and presenting P.E. warm-ups
- Sending a group to local 5k race

Teach new international games to rest of school - field day at end of school year

- Presidential FitnessGram
- Personal fitness logs

- TV sports ads analysis and presentations
- Backpacking trip
- · Lead adult vs. student kickball fundraising game

Crestmont School will offer team sports that meet after school and compete with other EBISA schools. Here's the tentative schedule:

Fall - Co-ed cross-country
Winter - Boys basketball; Girls basketball
Spring - Co-ed track and field; Co-ed ultimate frisbee

MUSIC

5TH GRADE 6TH GRADE 7TH GRADE 8TH GRADE • How do I express myself as a musician? • What makes music popular? · How do musicians (past and present) express · Where does the control of an ensemble **ESSENTIAL QUESTIONS** feelings and ideas? originate? · How can I express my unique musical ideas? · How does music reflect the culture and time from which it comes? · What makes a song last a lifetime? • What is my personal relationship to music? · How do we experience music? • What makes great musical art? · Elements of music (melody, harmony, · Continued study of elements of music · Harmony, part work, and expression Overview of 20th century American music, TOPICS tempo, dynamics) (form,tone color, style) foundations of jazz, blues, rock, funk, r&b and · Harmonies of Bach, Chopin hip hop Sight singing Harmony and part work · Advanced sight singing · Advanced harmonic progressions • Performance practice etiquette · Latin American music and salsa dancing in a · European medieval renaissance music and historic and cultural context Scat singing · Bluegrass, blues and shape note singing, in the dance in the cultural and historic context historical and cultural context • Songs of social justice · Jazz as the culmination of all styles studied · Overview of the Orff-Schulwerk Approach • Music of the African Diaspora HIGHLIGHTS · Introduce larger instrument of the · Field trip to salsa club · Study of specific composers · Field trip to a jazz concert recorder family · Salsa dance lessons · Field trip to an early music concert · Annotated timeline of 20th century • Crestmont band - opportunity to integrate American music band instruments studied outside school

· Middle school chorus starts

•	5TH GRADE	6TH GRADE	7TH GRADE	8TH GRADE
ESSENTIAL QUESTIONS	 What is mentorship? How can I use mentorship? What is nature? 	 How do I fit into a group? What do I need from a group to feel safe? What are my values? How do I connect with nature? 	 What does it mean to come of age? What is leadership? How can I best represent my values? How can nature be my guide? 	 How can I support my community? How do people best listen to others? How do I want to celebrate my transition into high school? How is my community embedded in nature?
TOPICS	 Nature skills Introduction to council structure First overnight Solo time in nature 	 Being an ally Restorative Justice Circles Friction fire and fire tending (camping trip) 	Becoming a mentor to others Backpacking skills	Community engagementBasic Wilderness First AidTransitions into high school
IGHLIGHTS	Social skills games Westminster Woods Challenge Course	 Mindfulness Non-violent communication Identity project	Study of global coming of age ritualsCase study of a changemakerOvernight hike in Point Reyes	 Mentoring 4th graders to support their transition to middle school Self-chosen community service project 12-hour solo time on camping trip

FIELD STUDIES

6TH GRADE 7TH GRADE 8TH GRADE 5TH GRADE • Westminster Woods Challenge Course • Full Belly Farm (1or 2 nights) - investigating · Ashland Shakespeare Festival (2 nights) -· Washington DC (1 week) - National Archives, **OVERNIGHT TRIPS** performance of Shakespearean play students Smithsonian, Capital Hill, Supreme Court, (3 nights) - Finding your growth zone, team agriculture and its relationship to migration, building, reflection and debriefing skills commerce, and the environment monuments and memorials read, and one contemporary play · Backpacking in the Sierras (2 nights) -• Ft. Ross Marine ecology (1 night) - hands-on • Backpacking in the Sierras (4 nights) - This trip stargazing and our solar system learning about marine biology, including data will provide the opportunity for 8th graders

DAY TRIPS

- · Alcatraz Uncovered: The historical context of national events and their impact on Alcatraz
- · California Historical Society: Western overland travel
- Tour of California State Capitol: historic legislation in the national context
- · Ordering lunch at a Spanish speaking restaurant
- Phoebe A. Hearst Museum of Anthropology
- · Rosicrucian Egyptian Museum
- Places of worship: Buddhist, Jewish, etc
- The Crucible ancient civilization and tools
- East Bay murals: art field trip to prepare for creating a mural on the Greenway
- Chinese Historical Society
- Islamic Society of San Francisco
- Iranian and Persian cultural organizations

collection protocols and scientific analysis

· Schooner trip on SF Bay

Civil War fort on Angel Island

year at Crestmont.

· Federal elected official's local office

to focus on their leadership skills and their relationship with nature. Students will also have time for reflecting on their goals for their final

- Exploratorium
- · Amusement park physics
- SFMOMA

5TH-6TH GRADE SAMPLE WEEK

•	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00 AM — 8:20 AM	MORNING MEETING	MORNING MEETING	MORNING MEETING	MORNING MEETING	MORNING MEETING
8:20 AM — 9:30 AM	матн	MATH	МАТН	MATH	MENTORING
	 Applying concept of least common multiples using number lines 	 Participate in Math Congress to understand factors and multiples - peer 	Discover common denominator algorithm for dividing fractions by	 Compare two common algorithms for dividing fractions: common 	 What do I need from the group to feel safe? Introduction to "council"
		review, justify and defend explanations	modeling various expressions	denominator and invert- and-multiply	format.
9:30 AM — 10:00 AM	HUMANITIES	HUMANITIES	HUMANITIES	HUMANITIES	HUMANITIES
	GEOGRAPHY	WORD STUDY	HISTORY	WORD STUDY	HISTORY
	Mapping the Middle East for last 2000 years	Latin prefixes and suffixes	Mesopotamia as an agrarian society - the preconditions and results	Latin prefixes and suffixes	Informational text on Sumerian religion
10:00 AM — 11:00 AM	HUMANITIES	HUMANITIES	HUMANITIES	HUMANITIES	HUMANITIES
	READING	READING	READING	WRITING	WRITING
	 Ancient mythology of Middle East 	Read myths and begin compare and contrast essay	Informational texts on modern hunter-gatherer peoples; note taking for oral presentation	Narrative style - myths	Myths continued
11:00 AM — 12:00PM	HUMANITIES	HUMANITIES	VISUAL ARTS	DRAMA	HUMANITIES
	WRITING	MEDIA LITERACY	 Introduction to Chuck Close 	Physical and vocal warm ups	RESEARCH & WRITING
	 Literary essay - in what ways do these myths relate to life today? 	What is a good digital citizen? Start partner research and presentations	Begin work on initial sketch	Theme - finding character	 Begin research for multimedia presentations in response to essential question: How is folklore simultaneously revealing and limiting?
12:00 PM — 1:00 PM	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
:00 PM — 2:00 PM	SPANISH	SCIENCE	GARDENING	SPANISH	P.E.
	Past tense verbs: to go, to take, to give, to eat, to pay	Characteristics of matter: carbon dioxide and its role in climate change	Planting greens for fall Harvest Festival	Students retell, write, and present skits	Begin field hockey and field handball unit
2:00 PM — 3:00 PM	MUSIC	P.E.	EARLY DISMISSAL	MUSIC	SCIENCE
	Why do we like the music we like? Begin exploration	Introduce nutrition, healthy eating, and hydration for		 Students learn to play "Barbara Allen" 	Experiments with carbon dioxide (dry ice)
	of melody in old time and current pop music	fitness		 Explore current pop song of student's choice 	