Scope and Sequence Kindergarten

Kindergarten T	heme: Exploration
Key Standards	Instructional Materials and Methods
 ELA Making Meaning With prompting and support, ask and answer questions about essential elements of the text Actively engage in group reading activities with purpose and understanding Recognize common types of texts (storybook, poems, fantasy, and realistic text) Foundational Skills Know and apply grade-level phonics and 	 Handwriting Without Tears Words Their Way GLAD Calkins Writing Workshop Small Group Instruction Multi-Sensory Instruction Dolch Sight Words
 word analysis skills in decoding words Effective Expression Listen to others and take turns speaking about the topics and texts under discussions Ask and answer questions to seek and provide information and clarification Print many upper and lowercase letters Understand and use question words 	
 Language Development Use strategies to determine the meaning of words 	

 Math Counting & Cardinality Know number names and the counting sequence to 100 Write numbers to 20 Operations & Algebraic Thinking Understand addition, subtraction and comparison concepts within 10 Fluently add and subtract within 5 Measurement & Geometry Describe measurable attributes of objects Identify and describe 2D and 3D shapes Analyze, compare, create, and compose shapes 	 Investigations: In Numbers, Data and Space Personalized, self-paced learning with DreamBox Math Workshop Math Games Technology-Integration Cooperative/Flexible Grouping Math/Science Integration Hands-On Manipulatives Project-Based Learning
Social Studies	• GLAD
 Learning and Working Now and Long Ago National and State Symbols Good Citizenship Jobs of People in the Community 	Cross-Curricular Units
Science	Engineering Explorations
 Pushes and Pulls Ecosystems: Animals, Plants and Their Environment Weather and Climate Engineering Design 	GLADCross-Curricular Units
ELD Fluent English Proficient Goals	ELD Instruction
Review of phonological awareness skills	Small group instruction in English language
 as needed Print skills: demonstrate understanding of the organization and basic features of print Know and apply grade level phonics and word analysis skills in decoding words Read emergent-reader texts with purpose and understanding 	• Benchmark Advance ELD Program

Project Based Learning

T1: How do we explore our community?

(Art, ELA, Social Studies, Science)

(Art, ELA, Science)

T2: How can we as scientists find out who and what we share our habitat with? (ELA, Science, Social Studies)
T3: How can we as entomologists understand an insect's lifecycle?

Field Trips

- Sausalito Walking Field
 Trip
- Pumpkin Patch
- Farmer's Market
- Farm Day
- Discovery Museum

Visitors

- Crab Cab
- Zun Zun Assembly
- Green Jeans: Growing Grass
- Firefighters and police officers
- Wildcare (Redwod Forests)

Programs and Events

- Responsive Classroom
- PE
- Garden/Nutrition
- Pumpkin Carving Night
- Big Buddies with 4th grade
- In-Class Art Instruction
- Cultural Celebrations
- Attitude of Gratitude Feast
- Music
 - Introduction of music alphabet, introduction and care of instruments, pentatonic scale, call and response, solo voice, playing in 5ths for the drone

Technology Tools and Information Literacy

- Common Sense Media Digital Citizen Program
 - Internet safety
 - ABC searching
 - Information privacy
- With guidance and support from adults, explore a variety of digital tools to produce and publish writing, including in collaboration with peers
- BookFlix
- Dreambox (*math*)
- Spelling City

Assessment

- Fountas and Pinnell Reading
- Student Work Samples
- Investigations Assessments
- Digital Resources
- NC State Math Assessment

LCAP and Strategic Plan Goals: Increase Student Achievement ** Ensure High School Readiness ** Hire, Train, and Retain the Best Staff**Optimize Parent Engagement**Develop an Inclusive School Community**Align Resources to Needs

First Grade The	
Key Standards	Instructional Materials and Methods
Making Meaning Ask and answer questions with emphasis on text-dependent questions Retell stories or information, identify the central message or main idea and describe story elements Compare and contrast the adventures and experiences of characters in stories Explain major differences between books that tell stories and books that give information Foundational Skills Know the distinguishing features of a sentence, such as first word capitalization and ending punctuation	 Handwriting Words Their Way Daily 5 GLAD Calkins Writing Workshop Small Moments Nonfiction Chapter Books Reviews Fiction Small Group Instruction Scholastic Leveled Readers Research Projects Multi-Sensory Instruction Themed reading (CARES) Calkins Reading Workshop Dolch Sight Words
Effective Expression Write a narrative that recounts two of more sequenced events In discussion build on the comments of others Ask and answer questions to clear up confusion and gather additional information Recite poems and sing songs that have been memorized Language Development Use strategies to determine the meaning of un known words while reading	

Math Operations & Algebraic Thinking Represent and solve problems involving addition and subtraction within 20 using various strategies Fluently add and subtract within 10 Number & Operations	 Investigations: In Numbers, Data and Space Personalized, self-paced learning with DreamBox Math Workshop Math Games Marcy Cook Tiles
 Develop an understanding of addition and subtraction within 100 using concrete, visual, and mental place value strategies Count and write numbers to 120 grouping in ones and tens 	 Technology-Integration Cooperative/Flexible Grouping Math/Science Integration Hands-On Manipulatives Project-Based Learning
 Measurement & Geometry Measure length using non-standard units Represent halves and fourths in circles and rectangles Reason with shapes and their attributes 	
Social Studies A Child's Place in Time and Space Citizenship Maps Symbols, Icons and Traditions Changes Over Time Basic Economics	GLADCross-Curricular UnitsBook MakingMaps
 Science Waves: Light and Sound Structure, Function and Information Processing (<i>Plants</i>) Space Systems: Patterns and Cycles (<i>Sun</i>, Moon, and Stars) Engineering Design 	 Engineering Explorations GLAD Integrated NGSS Units
 ELD Fluent English Proficient Goals Review of phonological awareness skills as needed Print skills: demonstrate understanding of the organization and basic features of print Know and apply grade level phonics and word analysis skills in decoding words Read emergent-reader texts with purpose and understanding 	 ELD Instruction Small group instruction in English language development 20-30 minutes a day Benchmark Advance ELD Program

Project Based Learning

T1: All About Me: Who Am I? (Art, ELA, Social Studies)

T2: Global Holidays/Holiday Cards

(Social Studies, ELA, Math)

T3: Inventions

(Science, Social Studies, ELA)

Field Trips

- Pumpkin Patch (*Animals*)
- Chabot Space Center (Moon Workshop)
- Exploratorium (Tinker Studio/Light and Sound)
- DeYoung (Texture and Patterns)
- CTA Children Theatre Association

Visitors

WildCare

Programs and Events

- Responsive Classroom
- PE
- Garden/Nutrition
- Music
 - Introduction of ostinato and melody with drone
- Pumpkin Carving Night
- Art
 - Elements of Art: Line, Shape, Color, Texture and Form

Technology Tools and Information Literacy

- Common Sense Media Digital Citizen Program
 - Internet safety
 - Digital footprint
 - Using keywords
- With support, use digital tools to produce and publish writing
- Internet Research (supported)
- BookFlix
- DreamBox (math)
- Spelling City

Assessment

- Fountas and Pinnell Reading
- Student Work Samples
- Investigations Assessments
- Digital Resources
- Calkins Writing Workshop Units of Study

LCAP and Strategic Plan Goals: Increase Student Achievement ** Ensure High School Readiness ** Hire, Train, and Retain the Best Staff**Optimize Parent Engagement**Develop an Inclusive School Community**Align Resources to Needs

Second Grade T	
Key Standards	Instructional Materials and Methods
 ELA Making Meaning Answer who, what, where, when, why and how questions about a text Understand overall structure of a story and identify the main topic and focus of a multi paragraph text Compare and contrast two or more version of the same story Read and comprehend informational texts, literature, including stories and poetry at grade level Foundational Skills Know and apply grade-level phonics and word analysis skills in decoding words Effective Expression write a well elaborated narrative with descriptive details Recount or describe key ideas from a text read aloud or information presented in diverse media Plan and deliver a detailed, logically sequenced narrative presentation Language Development Use linking words in writing to connect ideas 	 Calkins Writing Workshop Narrative Nonfiction Writing About Reading Poetry Grammar Small Group Instruction Scholastic Leveled Readers Research Projects Charlotte's Web, Little House of the Prairie Beverly Cleary Author Study Fairy Tales Book Reports Words Their Way Dolch Sight Words

Math	Investigations: In Numbers, Data and Space
 Operations & Algebraic Thinking Represent and solve problems involving addition and subtraction within 100 using various strategies with efficiency Fluently add and subtract within 20 Understand multiplication as equal groups of objects and rectangular arrays Number & Operations Count, read, and write numbers to 1000 grouping in ones, tens, and hundreds Measurement & Geometry Measure length and time using standard units Represent halves, thirds, and fourths in circles and rectangles 	 Personalized, Self-Paced Learning with DreamBox Small Group Instruction Math Workshop Math Games Technology-Integration Cooperative/Flexible Grouping Math/Science Integration Hands-On Manipulatives Project-Based Learning Math Talks
 Reason with shapes and their attributes 	
Social Studies People Who Make a Difference Today and Long Ago Map Skills Government Institutions and Practices Basic Economics Heroes	 GLAD Integrated Units Book Making Geography/Maps Benchmark Advance National Geographic Readers
• Structure and Properties of Matter	 Engineering Challenges GLAD
 Interdependent Relationships in Ecosystems Earth's Systems: Processes that Shape the Earth Engineering Design 	Integrated NGSS UnitsGroup Projects
 ELD Fluent English Proficient Goals Print skills: demonstrate understanding of the organization and basic features of print Know and apply grade level phonics and word analysis skills in decoding words Read with sufficient accuracy and fluency to support comprehension 	 ELD Instruction Small group instruction in English language development 20-30 minutes a day Benchmark Advance ELD Program

Project Based Learning

T2: Quilt Project

(Math/Social Studies/ELA/Art)

T3: Maps Project (Social Studies/ELA/ *Science/Art*)

Field Trips

- WildCare (Animals and Habitats)
- Fairy Tale Play
- Nutcracker
- DeYoung (Symmetry and Color)
- Slide Ranch or Green Gulch

Programs and Events

- Responsive Classroom
- Drama with MTC
- PE
- Garden/Nutrition
- Music
 - Introduction of harmony with ostinato, melody, drone, playing in 3rds, 5ths, and chords, playing in minor scales
- Art
 - Science Integration Focus

Technology Tools and Information Literacy

- Common Sense Media Digital Citizen Program
 - Things for Sale
 - o Respect
 - o Powerful Passwords
- With support, use digital tools to produce and publish writing
- Audio Recordings
- DreamBox
- RazKids (Reading Comprehension)
- Spelling City

Assessment

- Fountas and Pinnell Reading
- MAP
- Student Work Samples
- Investigations Assessments
- Digital Resources
- DreamBox
- RAZKids

LCAP and Strategic Plan Goals: Increase Student Achievement ** Ensure High School Readiness ** Hire, Train, and Retain the Best Staff**Optimize Parent Engagement**Develop an Inclusive School Community**Align Resources to Needs

Third Grade T	heme: Change
Key Standards	Instructional Materials and Methods
 ELA Making Meaning Refer explicitly to the text as the basis for answers to questions about the text Compare and contrast themes, settings and plots and describe time, sequence and cause/effect Read and comprehend stories, drama and poetry and informational texts including history, science and technical texts at grade level Determine the main idea of a text, recount key details, and explain how they support the main idea Effective Expression Distinguish their own point of view from that of the author Write informative texts using facts, definitions, details and linking words Come to discussions prepared and stay on topic Write narratives using effective technique, descriptive details and clear sequences Language Development Use phrases in writing to connect ideas 	 Handwriting Words Their Way Modified Daily 5 GLAD Writing Workshop Scholastic Leveled Readers Research Projects Teacher Supported Literature Circles Poetry The Miraculous Journey of Edward Tulane Fairy Tales, Fables, How and Why Stories Debate

Math

Operations & Algebraic Thinking

- Add and subtract within 1000 using various strategies with efficiency
- Represent and solve problems involving multiplication and division within 100 using various strategies
- Fluently multiply within 100 and relate to concepts of area using rectangular arrays

Number & Operations

- Count, read, write, and round numbers to any place value within 1000
- Represent and solve problems with halves, thirds, fourths, sixths, and eighths
- Develop an understanding of fraction equivalence and comparison through visual representations

Measurement & Geometry

- Solve problems involving measurement of time, liquid volume, mass, perimeter, and area using standard units
- Reason with and categorize shapes by their attributes

- Investigations: In Numbers, Data and Space
- Personalized, self-paced learning with DreamBox
- Math Workshop
- Math Games
- Technology-Integration
- Cooperative/Flexible Grouping
- Math/Science Integration
- Hands-On Manipulatives
- Project-Based Learning
- Small Group Instruction

Social Studies

Continuity and Change

- Rules and Laws/Basic U.S. Government Structure
- Local History
 - o Physical and Human Geography
 - American Indian Nations
 - Periods of Settlement

Science

Economy

mv

- Forces and Interactions
- Interdependent Relationships in Ecosystems: Environmental Impact on Organisms
- Inheritance and Variation of Traits: Life Cycles and Traits
- Weather and Climate
- Engineering Design

- GLAD
- Cross-Curricular Units
- Geography/Maps
- Student Government
- Sausalito Historical Society Collaboration
- Portrait Painting
- Engineering Challenges
- GLAD
- Integrated NGSS Units
- Mystery Science
- Nature and Technology Workshops
- Garden and Creek Conservation Work

ELD Fluent English Proficient Goals

- Review of phonological awareness skills as needed
- Print skills: demonstrate understanding of the organization and basic features of print
- Know and apply grade level phonics and word analysis skills in decoding words
- Read with sufficient accuracy and fluency to support comprehension

ELD Instruction

- Small group instruction in English language development 20-30 minutes a day
- Benchmark Advance ELD Program
- GLAD

Project Based Learning

T1: Wild Style: How can we design clothing adapted like animals?

(Science/ELA)

T2: Time Cast: Whose voices from Sausalito and Marin City's past should be heard again?

(Social Studies/ELA)

T3: Build a Better: How can we as engineers improve technology in order to improve lives? (Engineering/Physical Science/ELA)

Field Trips

- Ocean Beach Clean Up
- Wildcare
- Gulf of the Farallones Society
- Environmental Film Festival
- Sausalito Historical Society
- Exploratorium (Tinkering, Force and Motion)

Visitors

- Ane Rovetta
- Farallones Program: Sea Bird Shuffle
- Sausalito Historical Society
- Marine Science Institute
- Joe Burns (City Council Chamber)
- Local Authors
- Marin Municipal Water District

Programs and Events

- Responsive Classroom
- Living Science Program
- Creek Studies
- Artists Teaching Art Program
- PE
- Garden/Nutrition
- Music:
 Five part orchestration,
 jazz (syncopation, upbeat,
 improv, call and response
 on instruments, walk up
 drone), waltz
- Art:
 Art Making Skills: Value,
 Texture, Form and
 Inspiration

Technology Tools and Information Literacy

- Common Sense Media Digital Citizen Program
 - o Rings of Responsibility
 - o Kev to Kevwords
 - Private and Personal Information
- With support, use technology to produce and publish writing and interact and collaborate with others
- Basic Keyboarding Skills
- Google Classroom Tools
- BookFlix
- Spelling City
- Edupath

Assessment

- Fountas and Pinnell Reading (as needed)
- NWEA/MAP
- Student Work Samples
- Investigations Assessments
- Digital Resources
- Rubrics
- CASSP Summative Assessment

LCAP and Strategic Plan Goals: Increase Student Achievement ** Ensure High School Readiness ** Hire, Train, and Retain the Best Staff**Optimize Parent Engagement**Develop an Inclusive School Community**Align Resources to Needs

Key Standards	Instructional Materials and Methods
Making Meaning Make inferences and refer to details in a text to support inferences Compare and contrast themes, topics and patterns of events Read and comprehend stories, drama and poetry and informational texts including history, science and technical texts at grade level Effective Expression Use a variety of transitional words and phrases to manage the sequence of events in narratives Write multiple-paragraph texts Carry out assigned roles in discussions Respond to specific questions to clarify, follow up or contribute to the discussion Plan and deliver a narrative presentation Language Development Use concrete words and phrases and sensory details in narratives and precise language and domain-specific vocabulary in informational writing	 Words Their Way Modified Daily 5 GLAD Writing Workshop Scholastic Leveled Readers Research Projects Literature Circles (Teacher Supported) Plays/Scriptwriting The Lemonade War, Island of the Blue Dolphins, By the Great Horn Spoon Mythology Project Based Learning

Math

Operations & Algebraic Thinking

- Solve problems involving the four operations by applying place value concepts and properties of operations within 1,000,000 using various strategies
- Add and subtract within 1,000,000 using the standard algorithm with efficiency

Number & Operations

- Represent and solve problems with the denominators 2,3,4,5,6,8,10,12, and 100
- Apply and extend understanding of fraction equivalence and comparison
- Solve problems involving addition, subtraction, and multiplication of fractions using visual models
- Develop an understanding of fractions as decimals using tenths and hundredths

Measurement & Geometry

- Solve problems involving measurement and conversion of time, length, mass, perimeter, and area using standard units
- Draw, analyze and classify geometric figures based on properties of lines and angle measures

- Investigations: In Numbers, Data and Space
- Math Workshop
- Math Games
- Technology-Integration
- Cooperative/Flexible Grouping
- Math/Science Integration
- Hands-On Manipulatives
- Project-Based Learning

Social Studies

California: A Changing State

- CA Geography
- California's First People
- CA Missions and Mexican Rancho Period
- The Gold and Statehood
- Modern CA
- CA Government

- GLAD
- Cross-Curricular Units
- Geography
- Plays/Script Writing
- Project Based Learning

Science

- Energy (*Transfer and Conservation*)
- Waves Structure
- Structure and function of Plants and Animals (*How Animals Impact the Environment*)
- Earth's Systems: Processes that Shape the Earth (*Plate Tectonics*)
- Engineering Design

- Engineering Challenges
- GLAD
- Integrated NGSS Units
- Simulations
- Internet Research
- BrainPop
- Project Based Learning

ELD Fluent English Proficient Goals

- Print skills: demonstrate understanding of the organization and basic features of print
- Know and apply grade level phonics and word analysis skills in decoding words
- Read with sufficient accuracy and fluency to support comprehension

ELD Instruction

- Small group instruction in English language development 20-30 minutes a day
- Benchmark Advance ELD Program
- GLAD Strategies

Project Based Learning

T1: As bioengineers, how can our understanding of animals' physical structures and their functions guide us to build a successful prosthesis? (*Science/ELA*)

T2A: As Spanish missionaries, how can we find a good location and create a design for a 22nd CA mission? (ELA/Social Studies/Art)

T2B: As geologists, how can we prepare a community from a natural hazard becoming a natural disaster? (ELA/Science)

T3: As reporters how can we inform the nation about California's journey to become a state? (*Social Studies/ELA*)

T3: As engineers, how can we prove that energy is neither made nor lost, but transferred from one object to another? (*Social Studies/ELA*)

Field Trips

- Ocean Beach Clean Up
- Academy of Sciences (Earthquake Exhibit)
- State Capital
- Petaluma Adobe Historical Park (Overnight)
- Creole Carnival
- Mill Valley Film Festival
- MOMA

Visitors

- Geologist
- Computer Programmer
- Parents (math in their professions)
- Marine Mammal Center

Programs and Events

- Responsive Classroom
- Kinder Buddies
- PE
- Garden/Nutrition
- Music
 - Introduction of ukelele, uke tabs and chords, treble clef, basic strumming patterns and single notes
- Art
 - Art-Based Careers and Influence

Technology Tools and Information Literacy

- Common Sense Media Digital Citizen Program
 - o Digital Citizenship Pledge
 - o How to Cite a Site
 - Spam
- With support, use technology, including the internet to produce and publish writing as well as interact and collaborate with others
- Keyboard a minimum of one page in a single sitting
- Internet Research
- Google Slideshows
- Video Presentations
- Google Classroom Tools
- Skype Interviews/Virtual Tours

Assessment

- Fountas and Pinnell Reading (As Needed)
- MAP
- Student Work Samples
- Investigations Assessments
- Digital Resources
- Rubrics
- CASSP Summative Assessment

LCAP and Strategic Plan Goals: Increase Student Achievement ** Ensure High School Readiness ** Hire, Train, and Retain the Best Staff**Optimize Parent Engagement**Develop an Inclusive School Community**Align Resources to Needs

Fifth Grade Theme: Relationships			
Sample Key Standards	Instructional Materials and Methods		
 ELA Making Meaning Make inferences and quote directing from text to support inferences Compare and contrast two or more characters, settings or events in texts Read and comprehend stories, drama and poetry and informational texts including history, science and technical texts at grade level 	 Words Their Way GLAD Calkins Writing Workshop Literature Circles Research Projects Historical Fiction 		
 Effective Expression Use a variety of transitional words, phrases and clauses to manage the sequence of events in narratives Write multiple-paragraph texts Carry out assigned roles in discussions Respond to specific questions to clarify, follow up or contribute to the discussion Plan and deliver a narrative presentations and opinion speeches 			
 Use concrete words and phrases and sensory details in narratives and precise language and domain-specific vocabulary in informational writing 			

Math Investigations: In Numbers, Data and **Operations & Algebraic Thinking** Space Identify, analyze, and generate numerical Math Workshop patterns and relationships **Math Games Technology-Integration Number & Operations** Cooperative/Flexible Grouping Understand the place value system by using Math/Science Integration exponential powers of ten and Hands-On Manipulatives fractions/decimals to thousandths **Project-Based Learning** Solve problems involving the four operations with multi-digit whole numbers by applying place value concepts, properties of operations, and use of parentheses Solve problems involving the four operations with fractions using concrete, visual, and representative models Multiply multi-digit numbers using the standard algorithm with efficiency **Measurement & Geometry** Solve problems involving measurement and conversion of time, length, mass, perimeter, area, and volume using standard units Represent and solve problems by graphing points in the first quadrant of the coordinate plane Classify 2D figures in a hierarchy of categories based on attributes and properties **Social Studies GLAD** United States History: Making a New Nation **Cross-Curricular Units Pre-Columbian Settlements** Geography Early Explorers **Indian Nations** Colonial Era American Revolution U.S. Constitution **Immigration and Settlement Patterns** States and Capitals Science **Engineering Challenges** Structure and Properties **GLAD** Matter and Energy in Organisms and **Integrated NGSS Units Ecosystems FOSS Kits** Earth's Systems

Space Systems: Stars and the Solar Systems

Engineering Design

ELD Fluent English Proficient Goals

- Review of phonological awareness skills as needed
- Print skills: demonstrate understanding of the organization and basic features of print
- Know and apply grade level phonics and word analysis skills in decoding words
- Read with sufficient accuracy and fluency to support comprehension

ELD Instruction

- Small group instruction in English language development 20-30 minutes a day
- Benchmark Advance ELD Program
- GLAD Strategies

Project Based Learning

T1: Given the rapid growth of technology in the 21st century, what must we know and do in order to prepare for human life in space?

Models, Reports and Presentations (Science/ELA/ Technology)

T2: Colonial Night: Historical Character Speeches (Social Studies/ELA)

T3: Climate Change (*ELA/chemistry/hydrology*)

Field Trips

- Ocean Beach Clean
 Up
- MWD Water Walk
- Chabot Space Center
- Bay Model
- California Academy of Science (Planetarium)
- DeYoung (Colonial History)
- Environmental Film Festival
- Outward Bound
- Friday Hikes
- Cal Performances

Visitors

- Marin Water District
- Astronomer
- Park Service Staff
- Illustrator

Programs and Events

- Responsive Classroom
- Colonial Night
- Garden/Nutrition
- Maker's Day
- Trout in the Classroom
- Outdoor Education Week
- PE
- Music
 - Introduction of guitar, guitar tabs and chords, treble clef, basic strumming patterns and single notes
- Art
 - Art as a Product of Culture

Technology Tools and Information Literacy

- Common Sense Media Digital Citizen Program
 - Super Digital Citizen
 - Cyberbulling
 - o Talking Safely Online
- With support, use technology, including the internet to produce and publish writing as well as interact and collaborate with others
- Keyboard a minimum of two pages in a single sitting
- Google Classroom Tools
- Internet Research
- Video Editing/Presentations
- Virtual Field Trips
- Blogging
- EduPath
- Spelling City

Assessment

- Fountas and Pinnell Reading (As Needed)
- MAP
- ELA Performance Task
- Student Work Samples
- Investigations Assessments
- Digital Resources
- Rubrics
- CASSP Summative Assessment

LCAP and Strategic Plan Goals: Increase Student Achievement ** Ensure High School Readiness ** Hire, Train, and Retain the Best Staff**Optimize Parent Engagement**Develop an Inclusive School Community**Align Resources to Needs

Sixth Grade Theme: Order vs. Chaos

Y 0: 1 1		
Key Standards	Instructional Materials and Methods	
 ELA Reading Strand Cite textual evidence to support analysis of text explicitly as well as inferences drawn from the text Compare and contrast texts in different forms or genres in terms of their approaches to similar themes or topics Read and comprehend stories, drama and poetry and informational texts including history, science and technical texts at grade level 	 GLAD Literature Circles Grammar and Vocabulary Presentations Greek and Roman Mythology Poetry Historical Fiction Holes Lucy Calkins Writing Workshop Personal Narrative Literary Essay Research Papers 	
 Writing Strand Write arguments by introducing claims with relevant evidence using credible sources Set specific goals and deadlines in collaborative discussions defining individual roles as needed Conduct short research projects using to answer a question drawing on several sources 		
 Speaking and Listening Strand Analyze ideas presented orally and in diverse media; present claims and finding orally 		
 Language Development Vary sentence patterns for meaning, reader/listener interest and style, maintaining consistency in tone and style when writing and speaking 		

Ratios, Proportions, & The Number System

- Solve problems involving ratio, rate, and percent concepts by reasoning using various strategies and representations
- Apply and extend understanding of operations to divide fractions by fractions using visual models
- Divide multi-digit numbers and add, subtract, multiply, and divide multi-digit decimals using the standard algorithms with efficiency
- Apply and extend understanding of the number system to rational numbers (positive/negative numbers including decimals & fractions)

Expressions & Equations

- Apply and extend understanding of arithmetic and properties of operations to read, write, evaluate, and generate algebraic expressions with variables
- Represent, reason about, and solve problems involving one-variable equations and inequalities

Geometry, Statistics, & Probability

- Solve problems involving area, surface area, and volume using various strategies
- Plot points and draw polygons in all four quadrants of the coordinate plane
- Develop understanding of statistical variability by collecting and analyzing data
- Summarize, describe, and represent distributions of data

Social Studies

- World History and Geography: Ancient Civilizations
 - o Mesopotamia, Egypt, Kush
 - Ancient Hebrews
 - Ancient Greece
 - o India Early Civilizations
 - China Early Civilizations
 - Development of Rome

Core Resources

- College Preparatory
 Mathematics: Core Connections
- Math Workshop
- Technology-Integration
- Cooperative/Flexible Grouping
- Math/Science Integration
- Hands-On Manipulatives
- Project-Based Learning
- 3 Act Tasks
- Small Group Instruction

Core Resources

- o History Alive
- o Integrated Student Notebook
- Geography
- Cross-Curricular Projects
- GLAD
- Current Events

Science - Earth Science	es	Core Re	sources
Space Systems		С	
Earth's Systems		 Glencoe Textbook 	
Weather and Climate		 Engineering Challenges 	
Human Impacts		• GLAD	
		• Art I	ntegration
		• Cros	s-Curricular Projects
ELD Fluent English Proficie	nt Goals		ELD Instruction
Speak and understand standard English		• Smal	ll group instruction in English
		_	uage development 20-30 minutes a
		day	
			oved ELD program
Project Based Learning	Field T	-	Programs and Events
T1: Ancient Greece	Environm	ental Film	•
(ELA/History)	Festival		Study and Organizational
	 Outward I 	Bound	Skills Instruction
T2: Mummification and Pyramids			Garden/Nutrition
(History/ELA/Science/Math)			Drama with MTC
TO 6 1 7 1			• PE
T3: Science Fair			Science Fair
(Science, ELA)			Music (Mr. Logan)
			• Art
			o Expression, style, and
			voice through the
			content areas
Technology Tools and Informat	-		Assessment
 Common Sense Media Digita 	al Citizen	• MAP	
Program		Student Work Samples	
o Digital Life 101		Core Connections Assessments	
 Strategic Searching 		Digital Resources	
o Cyberbulling: Be Upsi	tanding	• Rubi	
Scams and Schemes		• CASS	SP Summative Assessment
o A Creator's Rights	1		
Use technology, including the service of the s			
produce and publish writing interact and collaborate wit			
 Keyboard a minimum of three pages in a single sitting 			
Online Research			
Google Classroom Tools			

LCAP and Strategic Plan Goals: Increase Student Achievement ** Ensure High School Readiness ** Hire, Train, and Retain the Best Staff**Optimize Parent Engagement**Develop an Inclusive School Community**Align Resources to Needs

Seventh Grade Theme: Power			
Key Standards	Instructional Materials and Methods		
 ELA Reading Strand Cite textual evidence to support analysis of text of text by citing multiple pieces of evidence Compare and contrast written text to its audio, filmed, staged or multimedia version, analyzing the effects of techniques unique to each medium Read and comprehend stories, drama and poetry and literary nonfiction at grade level 	 GLAD Novel Study Primary Source Documents Nonfiction Skit Writing Grammar and Vocabulary Lucy Calkins Writing Workshop Realistic Fiction Writing About Reading Research Based Essays Book Groups The Outsiders Unbroken 		
 Writing Strand Write arguments by introducing claims with relevant evidence, acknowledging and addressing opposing claims, supporting counterarguments, using credible sources, creating cohesion and establishing and maintaining a formal style With some support, plan, revise, edit and rewrite text addressing purpose and audience Conduct short research projects to answer a question drawing on several sources and generating additional questions for further investigation 			
 Speaking and Listening Strand Analyze ideas presented orally and in diverse media; presenting claims and findings orally 			
 Language Development Express ideas precisely and concisely while eliminating wordiness and redundancy when writing and speaking, 			

Math

Ratios, Proportions, & The Number System

- Solve problems involving ratio, rate, and percent concepts by analyzing and utilizing proportional relationships
- Apply and extend understanding of operations to add, subtract, multiply, and divide multi-digit rational numbers using various strategies with efficiency

Expressions & Equations

- Apply and extend properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational numbers
- Represent, generate, and solve multi-step problems involving numerical and algebraic expressions, equations, and inequalities with rational numbers

Geometry, Statistics, & Probability

- Describe the relationships between and draw/construct geometrical figures with given attributes using various tools
- Solve problems involving area and circumference of circles, angle measures, and area, volume, and surface area of 2D and 3D figures
- Investigate, develop, and use probability processes and models to make predictions, compare probabilities, determine frequencies, draw and compare inferences, and analyze results

Social Studies

- World History and Geography: Medieval and Early Modern Times
 - o Roman Empire
 - o Islam and China in the Middle Ages
 - o Medieval Africa, Japan and Europe
 - Meso-American and Andean Civilizations
 - Renaissance and Reformation
 - Scientific Revolution
 - Political Changes in 16th-18th
 Centuries

Core Resources

- College Preparatory Mathematics:
 Core Connections
- Math Workshop
- Technology-Integration
- Cooperative/Flexible Grouping
- Math/Science Integration
- Hands-On Manipulatives
- Project-Based Learning

Core Resources

- History Alive
- o Interactive Student Notebook
- Geography
- Cross-Curricular Projects
- GLAD
- Cornell Notes

Science - Life Science T1:		Core Resources ONGSS OGlencoe Textbook Engineering Challenges GLAD Art Integration Cross-Curricular Projects		
• Speak and understand standa Project Based Learning T1: Designing Aztec Board Games (Math/History/Art) T2: Ancient Chinese Inventions (Science/History/ELA) T1: Medieval Fortifications (History/Science/ELA)		languag day • Approv Trips ental Film Bound	roup instruction in English ge development 20-30 minutes a red ELD program Programs and Events Responsive Classroom Garden/Nutrition PE Science Fair Music (Mr. Logan) Art Expression, style, and voice through the content areas	

Technology Tools and Information Literacy

- Common Sense Media Digital Citizen
- Program
 - o My Media
 - A Creator's Responsibilities
 - o Safe Online Talk
 - o Which Me Should I Be?
 - Gender Stereotypes Online
- Use technology, including the internet to produce and publish writing, link to and cite sources and interact and collaborate with others
- Online Research
- Google Classroom Tools
- Presentation Tools

Assessment

- MAP
- Student Work Samples
- Core Connections Assessments
- Digital Resources
- Rubrics
- CASSP Summative Assessment

LCAP and Strategic Plan Goals: Increase Student Achievement ** Ensure High School Readiness ** Hire, Train, and Retain the Best Staff**Optimize Parent Engagement**Develop an Inclusive School Community**Align Resources to Needs

Scope	and Sequence			
Grade 8				

Scope and Sequence Grade 8					
Eight Grade Theme: Conflict					
Key Standards	Instructional Materials and Methods				
 ELA Reading Strand Cite textual evidence to support analysis of text by citing multiple pieces of evidence and identifying the evidence that most strongly supports an analysis of text Compare and contrast the structure of two or more texts and analyze how the differing structure of each text contributes to its meaning and style Read and comprehend stories, drama and poetry and informational texts including history, science and technical texts at grade level 	 GLAD Novel Study Primary Source Documents Nonfiction Speeches Grammar and Vocabulary Lucy Calkins Writing Workshop Literary Essays Position Papers Investigative Journalism Book Groups Long Walk to Water To Kill a Mockingbird 				
 Writing Strand Write arguments by introducing claims with relevant evidence, acknowledging and addressing opposing claims, supporting counterarguments, using credible sources, creating cohesion and establishing and maintaining a formal style Conduct short research projects to answer a question drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration 					
 Speaking and Listening Strand Set specific goals and deadlines in collaborative discussions and tracking their progress defining individual roles as needed 					
 Language Development Use verbs of various types to achieve effects when writing and speaking 					

Math

The Number System

 Apply and extend understanding of rational numbers to identify, approximate, and represent irrational numbers

Expressions & Equations

- Apply and extend understanding of exponents to represent and evaluate radicals and integer (positive/negative whole number) exponents using symbols and scientific notation
- Graph, interpret, and compare equations to understand the connections between proportional relationships, lines, and linear equations
- Solve problems involving linear and systems of equations using various strategies

Functions

- Apply and extend understanding of number patterns to define, evaluate, and compare functions in various formats
- Represent, describe, interpret, sketch, and graph functions to model relationships between quantities

Geometry, Statistics, & Probability

- Apply and extend geometric concepts to determine and utilize properties of congruence and similarity using various strategies
- Solve problems involving geometric figures using formulas and theorems

Social Studies

- United States History and Geography: Growth and Conflict
 - Founding of the Nation
 - o U.S. Constitution and U.S. Government
 - o Civil War
 - Reconstruction
 - Industrial Revolution

Core Resources

- College Preparatory
 Mathematics: Core Connections
- Math Workshop
- Technology-Integration
- Cooperative/Flexible Grouping
- Math/Science Integration
- Hands-On Manipulatives
- Project-Based Learning

Core Resources

- History Alive
- o Interactive Student Notebook
- Geography
- Cross-Curricular Projects
- GLAD
- Cornell Notes

Science - Physical Science T1: Motion and Force		Core Resources ONGSS OGlencoe Textbook Engineering Challenges GLAD Art Integration Cross-Curricular Projects	
 ELD Fluent English Proficient Goals Speak and understand standard English 		 ELD Instruction Small group instruction in English language development 20-30 minutes a day Approved ELD program 	
Project Based Learning	Field T		Programs and Events
T1: Bill of Rights	• Outward	_	Responsive Classroom
(History/ELA)	• Explorato		Poetry
T2: How does environment affect culture? Slide Presentation and Working Atom Model (History/ELA/Science/Technology) T3: Intolerable Acts: Dramatic Presentation (History/ELA)	(Physical	Sciences)	 Garden/Nutrition Graduation PE Science Fair Music (Mr. Logan) Art Expression, style, and voice through the content areas

Technology Tools and Information Literacy

- Common Sense Media Digital Citizen Program
 - o Trillion-Dollar Footprint
 - Identifying High-Quality Sites
 - o The Reality of Digital Drama
 - o Cyberbulling: Crossing the Line
 - o Rework, Reuse, Remix
- Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas efficiently as well as interact and collaborate with others
- Online Research
- Google Classroom Tools
- Presentation Software

Assessment

- MAP
- Student Work Samples
- Core Connections Assessments
- Digital Resources
- Rubrics
- CASSP Summative Assessment

LCAP and Strategic Plan Goals: Increase Student Achievement ** Ensure High School Readiness ** Hire, Train, and Retain the Best Staff**Optimize Parent Engagement**Develop an Inclusive School Community**Align Resources to Needs