

GRADE LEVEL: Fifth

TRIMESTER 1 AUGUST, SEPTEMBER, OCTOBER, NOVEMBER

CONTENT AREA	MAJOR UNITS	ASSESSMENTS/PROJECTS
MATH	At Level Unit 1 - Whole Numbers Numbers to 10,000,000 Place Value Comparing Numbers to 10,000,000 Rounding & Estimating Unit 2 - Multiplication & Division Using a calculator Multiplying by Tens, Hundreds, or Thousands, Multiplying by Powers of Ten Multiplying with 2 digit numbers Dividing by Tens, Hundreds or Thousands Dividing by 2 digit numbers Order of Operations	All units will be assessed on daily work, projects, quizzes and tests.
	 Real World Problems Unit 3 - Fractions & Mixed Numbers Adding Unlike Fractions Subtracting Unlike Fractions Fractions, Mixed Numbers and Division Adding Mixed Numbers Subtracting Mixed Numbers Real World Problems Unit 4 - Multiplication & Division of Mixed Numbers Multiplying Improper Fractions by Fractions Multiplying Mixed Numbers Real World Problems: Multiplying with Mixed Numbers Dividing Fractions and Whole Numbers 	

ENGLISH	Grammar	Grammar/Writing
LANGUAGE ARTS	• Sentences	Voyage Grammar Unit
& READING	 Four Types of Sentences 	 Lucy Calkins Writer's
	 Subject/Predicate 	Workshop Unit
	Punctuation and Capitalization	 Vocabulary Workshop
	Nouns/Pronouns	 Context Clues
	D.O.L (Daily Oral Language)	• IXL
		 Interactive notebook
	Writing/Lucy Calkins	 Write about their summer
	Personal Narrative	 Partner and group work
	Poetry	 Rubrics
		 Graphic Organizers
	Reading Comprehension Strategies	
	• Genre	Guided Reading
	Main Idea/Theme	Daily 5
	 Summarizing 	Introducing
	Making Inferences	"I-PICK" (a
	Characterization	good-fit book)
	Symbolism	Meet with the
	Figurative Language	Teacher
	o Simile	Read to Self
	Metaphor	Read to Someone
	Personification	Work with Words
	Hyperbole	Work with wordsWork on Writing
	Onomatopoeia	iReady/IXL
	Oliom	Reading Packet
	Alliteration	Various novel
	O Amteration	
	Pools Common / Pools Pomonto	activities/projects
	Book Genres/Book Reports	One Pager (end of
	BookSnap (using I-Pick, a good fit book).	the book unit)
	N 1/C 11 1 P 12 / 1 . 12 / 1	Graphic organizers
	Novel/Guided Reading (novels are subject to	Partner and group work Van bolom and (S. 41; a)
	change)- students will be grouped based on their Fountas	Vocabulary work (Sadlier)
	& Pinnell/iReady scores	Vocabulary
	Out of My Mind	Workshop
	Save Me a Seat	• Journals
		• Rubrics
SOCIAL STUDIES	Unit 1: Early Humans and the Rise of Civilization	Unit 1: Early Humans and the
	Introduction	Rise of Civilization
	Investigating the Past	• KWL
	Early Hominins	Geography Challenge
	From Hunters and Gatherers to Farmers	Interactive Student
	The Rise of Sumerian City-States	Notebook
	Ancient Sumer	Vocabulary Work
	Ancient sumer	Vocabulary Work

	 Exploring Four Empires of Mesopotamia Unit 2: Ancient Egypt and the Middle East Introduction Geography and the Early Settlement of Egypt, Kush and Canaan The Ancient Egyptian Pharaohs Daily Life in Ancient Egypt The Kingdom of Kush The Origins of Judaism Learning about World Religions: Judaism 	 In class participation Learning Stations Summative Assessment Unit 2: Ancient Egypt and the Middle East KWL Geography Challenge Interactive Student Notebook Vocabulary Work In class participation Learning Stations Summative Assessment
SCIENCE	Physical Science Topic 1: Properties of Matter	All Units will have: Graphic Organizers Cornell Notes Interactive Notebook Inquiry/Research-based learning Vocabulary work In class participation Readworks: Informational Text Practice Online Review Programs Quizzes, Tests, & Projects "uConnect," "uInvestigate," and "uDemonstrate" Labs "STEM uEngineer It" Projects Experiments Observations
RELIGION	 Unit 1: We Worship God as Catholic Christians We are a Worshiping People Jesus Calls Us to Worship Baptism Unites Us with the Christian Community Confirmation is the Sacrament of the Holy Spirit The Eucharist is the Center of Christian Life Unit 2: We Celebrate the Eucharist 	 Unit 1: We Worship God as Catholic Christians Lesson Quizzes Unit Exam Unit 2: We Celebrate the Eucharist Lesson Quizzes Unit Exam

	 We Come Together to Celebrate We Listen to God's Word We Praise and Thank God We Receive Holy Communion We are Sent to Glorify the Lord 	
STEAM	 Unit 1: Exploring the Future The focus will be to learn about the engineering process through competing in a national Competition called Exploravision. ○ Students will Find a problem in their community ○ Engineer an idea that will help fix that problem 10 years in the future. ○ Build and test a prototype ○ Create a Google Doc explaining their findings. 	 All Units Will Include: Informal Observation and Assessment Formal Assessment
	 Computer Skills Students will learn, practice, and demonstrate the ability to perform a variety of tasks at the 5th grade level. Typing Coding Legends of Learning Building Science and Math skills in Game based learning. 	
ART	Fifth graders will be focusing on the elements of art this year: color, line, form, value, texture, shape and space. Students will have also have sketchbooks with a list of prompts to be completed each trimester. Prompt lists are attached to their sketchbooks. Click HERE for prompt lists.	Project Plan for Trimester One: • Tints, Shades, & Tones • Mixing charts • Jewels in tints and shades • The land and people of the Canadian Yukon • Artist connection:
	Click <u>HERE</u> for a slideshow of projects!	Ted Harrison • Woven pouches ○ Yarn weaving ○ Math + Art ○ Functional art

		Halloween project: TBD
		ASSESSMENTS: Students will be graded on their conduct while working on their projects as well as their care for materials and observation of classroom rules: informal observation.
		Effort and craftsmanship are the main factors considered when grading art projects. Fifth graders will also be formally assessed on following the requirements for each project. Requirements will be shared with students prior to beginning the project.
MUSIC	 Identify groups that make music (band, orchestra, chorus, solo, duet) Identify timbre in instruments Demonstrate pulse (quarter/half/note half/whole), label whole note, whole rest, dotted half note, 16th notes, experience question/answer technique, body percussion, beat vs rhythm, strong/weak beats, beats grouped in 2,3,4 through: Unit 1: Boomwackers Learn concepts that will prepare students for notation Reading an open score Unit 2: Drums/Percussion Learn different chants Develop a chant to play/sing and to notate for the class to play Learn to notate chants 	Music concepts will be assessed through: Informal observation Self-Assessment Peer assessment Various Worksheets
SPANISH Text: Descubre el Español "E"	Unit 3 Vamos a aprender Topic: Let's learn activities in school Names of school supplies Talk about their classes Identify sequence of events	Unit 3 Topic: Let's learn activities in school Assessments and projects in all units may include one or more of the following:
	After school activities	

	• Names of afternook and acciminate	• Lincoln a consisting
	Names of after school activities	• Listening, speaking,
	Things we like to do in our free time	reading and writing
	Vacation	activities- teacher
	Talk about their vacation	observation
	Distinguish interrogative and exclamatory	 Cutouts of pastimes and
	sentences	other activities
	 Parks and cultural sites in Mexico 	Interactive exercise
	Compare and contrast a park in Mexico with	Check pronunciation and
	one in our community	intonation for accuracy
		Make a poster or brochures
	Current events	of popular tourist places in
	Things to do	Mexico
	Special events	Writing activities
	Feelings	 Listening and responding
	Irregular verb "venir"	Short dialogues
		 Draw pictures of activities
		Tell about current activities
		in school
Physical Education	Class will take place on Wednesday and Thursday	Observation
	Come prepared for class	
	Participation	
	 Cooperation 	

TRIMESTER 2 NOVEMBER, DECEMBER, JANUARY, FEBRUARY

CONTENT AREA	MAJOR UNITS	ASSESSMENTS/PROJECTS
MATH	Unit 5 - Algebra Number Patterns & Relationships Using Letters as Numbers Simplifying Algebraic Expressions Unit 6 - Area Finding the area Base & height of a triangle Finding the area of a triangle Finding the area of a triangle Unit 8 - Decimals Understanding Thousandths Comparing & Rounding Rewriting Decimals as Fractions and Mixed Numbers Unit 9 - Multiplication Multiplying & Dividing Decimals Multiplying by Tens, Hundreds, or Thousands Dividing Decimals Dividing Decimals Dividing Decimals Converting Metric Units Real World Problems Unit 11-Graphs and Probability Making & Interpreting Line Plots Making & Interpreting Double Bar Graphs Comparing Data Using Line Graphs Probability and Combinations	All Units will include daily work, quizzes, projects, participation and tests.
ENGLISH LANGUAGE ARTS & READING	Grammar ■ Adjectives □ Descriptive □ Articles ■ Comma/Direct Quotations ■ Prepositions, Conjunctions, and Interjections ■ D.O.L (Daily Oral Language)	Grammar/Writing ■ Voyage Grammar Unit ■ Lucy Calkins Writer's Workshop Unit ■ Vocabulary Workshop □ Context Clues ■ IXL ■ Interactive notebook

Writing/Lucy Calkins

- Informational Research
 - o Important Person
- Description

Reading Comprehension Strategies

- Main Idea
- Author's Purpose
- Text Structure for Informational Text
 - Description
 - Sequence
 - Compare & Contrast
 - o Problem & Solution
 - o Cause & Effect

Book Genres/Book Reports

• File Folder

Guided Reading (Novels interchanged

between student groupings)- students will be grouped based on their Fountas & Pinnell/iReady scores (will have 3-5 groups).

- Shiloh
- Holes
- Hatchet
- Among the Hidden

Write about their summer

- Partner and group work
- Rubrics
- Graphic Organizers

Guided Reading

- Daily 5
 - Introducing "I-PICK" (a good-fit book)
 - Meet with the Teacher
 - Read to Self
 - o Read to Someone
 - Work with Words
 - Work on Writing
- iReady/IXL
- Reading Packet
- Various novel activities/projects
 - One Pager (end of the book unit)
- Graphic organizers
- Partner and group work
- Vocabulary work (Sadlier)
 - Vocabulary Workshop

SOCIAL STUDIES

Unit 3: Ancient India

- Geography and the Early Settlement of India
- Unlocking the Secrets of Mohenjodaro
- Learning about World Religions: Hinduism
- Learning about World Religions: Buddhism
- The First Unification of India
- The Achievements of the Gupta Empire

Unit 4: Ancient China

- Geography and the Early Settlement of China
- The Shang Dynasty
- Three Chinese Philosophies
- The First Emperor of China
- The Han Dynasty

Unit 3: Ancient India

- KWL
- Geography Challenge
- Interactive Student Notebook
- Vocabulary Work
- In class participation
- Learning Stations
- Summative Assessment

Unit 4: Ancient China

- KWL
- Geography Challenge
- Interactive Student Notebook
- Vocabulary Work
- In class participation
- Unit Project
- Summative Assessment

	The Silk Road	
SCIENCE	Earth Science Topic 4: Earth's Water	All Units will have: Graphic Organizers Cornell Notes Interactive Notebook Inquiry/Research-based learning Vocabulary work In class participation Readworks: Informational Text Practice Online Review Programs Quizzes, Tests, & Projects "uConnect," "uInvestigate," and "uDemonstrate" Labs "STEM uEngineer It" Projects Experiments Observations
RELIGION	 Unit 3: We Celebrate God's Healing Love God's Healing Love Jesus Heals us in the Sacrament of Reconciliation A Gift of Strength Unit 4: We Follow Ways to Holiness God Calls Us to be Holy Christian Marriage Leads to Family Holiness Holy Orders is a Sacrament of Service 	 Unit 3: We Celebrate God's Healing Love Lesson Quizzes Unit Exam Unit 4: We Follow Ways to Holiness Lesson Quizzes Unit Exam
STEAM	 Unit 1: Computer Skills Students will learn, practice, and demonstrate the ability to perform a variety of tasks at the fifth grade level. Unit 2: Coding Computer Science Course F, code.org **Steam and Makerspace challenges will be integrated throughout the year** 	follow the steps of the Engineering Design Process Research Think Sheet Investigation Think Sheet Innovation Think Sheet Self Evaluation
ART	Fifth graders will be focusing on the elements of art this year: color, line,	Project Plan for Trimester Two:

form, value, texture, shape and Value roosters space. Pencil techniques Value scale Students will have also have Chiaroscuro & the sketchbooks with a list of prompts to be completed each trimester. Prompt anatomy of shadows lists are attached to their • Art history connection: sketchbooks. famous works of art and Click **HERE** for prompt lists. the painter's use of light and dark Click **HERE** for a slideshow of projects! Paper mache desserts Form and 3D art Realism in artwork Artist connection: Claes Oldenburg Christmas project: TBD **ASSESSMENTS:** Students will be graded on their conduct while working on their projects as well as their care for materials and observation of classroom rules: informal observation. Effort and craftsmanship are the main factors considered when grading art projects. Fifth graders will also be formally assessed on following the requirements for each project. Requirements will be shared with students prior to beginning the project. **MUSIC** Unit 3: Notation O Learn and define elements of standard notation • Notate certain percussion patterns Unit 4 **SPANISH** Unit 4 Text: Los animales • Draw or use cutouts of animals Descubre el Pets and description and what they eat Español "E" Farm animals and their care Writing activity Role of animals in stories and fables Read and color activity Visiting Costa Rica -farm zoo, and native Word puzzle animals

	 Ecosystems Identify subject and predicate in sentences Sounds of C and Z in Spanish Name and description of zoo animals 	 Complete sentences with subject/ description words Poster or bulletin board of pets in Costa Rica with illustrations and description Role play animals and give a description of appearance and the foods they eat Vocabulary quiz
Physical Education	•	•

TRIMESTER 3 MARCH, APRIL, MAY, JUNE

CONTENT AREA	MAJOR UNITS	ASSESSMENTS/PROJECTS
MATH	Unit 12 - Angles	All Units will include daily work, quizzes, projects and tests.
ENGLISH LANGUAGE ARTS & READING	Grammar • Verbs • Adverbs • D.O.L (Daily Oral Language) Writing/Lucy Calkins	Grammar/Writing ■ Voyage Grammar Unit ■ Lucy Calkins Writer's Workshop Unit ■ Vocabulary Workshop ○ Context Clues

- Opinion Writing Unit
 - o Review
- Poetry (if time)

Reading Comprehension Strategies

- Characterization
- Symbolism
- Plot Structure (Pixar Short Film Unit)
 - Exposition
 - Rising Action
 - o Climax
 - o Falling Action
 - Resolution

Book Genres/Book Reports

Book Jacket

Novel (novels are subject to change)-students will be grouped based on their Fountas & Pinnell/iReady scores

Esperanza Rising

- IXL
- Interactive notebook
- Write about their summer
- Partner and group work
- Rubrics
- Graphic Organizers

Novels/Guided Reading

- Daily 5
 - Introducing "I-PICK" (a good-fit book)
 - Meet with the Teacher
 - o Read to Self
 - Read to Someone
 - Work with Words
 - Work on Writing
- iReady/IXL
- Reading Packet
- Various novel activities/projects
 - One Pager (end of the book unit)
- Graphic organizers
- Partner and group work
- Vocabulary work (Sadlier)
- Activities/projects
 - Body Biography (end of the book unit)

SCIENCE <u>Life Science</u>

Topic 7: Patterns in Space

- Earth's Gravitational Forces
- Earth's Movements in Space
- Patterns Over Time

Topic 8: Energy and Food

- Energy in Food
- How Plants Make Food
- How Animals Use Food

Topic 9: Matter and Energy in Ecosystems

- Organisms Within Ecosystems
- Change Within Ecosystems
- Matter and Energy Transfer Within Ecosystems

All Units will have:

- Graphic Organizers
- Cornell Notes
- Interactive Notebook
- Inquiry/Research-based learning
- Vocabulary work
- In class participation
- Readworks: Informational Text Practice
- Online Review Programs
- Quizzes, Tests, & Projects
- "uConnect," "uInvestigate," and "uDemonstrate" Labs
- "STEM uEngineer It" Projects
- Experiments

		 Observations
SOCIAL STUDIES	 Unit 5: Ancient Greece Geography and the Settlement of Greece The Rise of Democracy Life in Two City-States: Athens and Sparta Fighting the Greco-Persian Wars The Golden Age of Athens Alexander the Great and his Empire The legacy of Ancient Greece 	 Unit 5: Ancient Greece KWL Geography Challenge Interactive Student Notebook Vocabulary Work In class participation Learning Stations Summative Assessment
	 Unit 6: Ancient Rome Geography and the Early Development of Rome The Rise of the Roman Republic From Republic to Empire Daily Life in the Roman Empire The Origins and Spread of Christianity Learning about World Religions: Christiainty The Legacy of Rome in the Modern World 	 Unit 6: Ancient Rome KWL Geography Challenge Interactive Student Notebook Vocabulary Work In class participation Unit Project (gods/goddesses) Summative Assessment
SCIENCE	Earth Science Unit 8: Earth's Systems Introduction to Earth changes Weathering Erosion Review of weathering and erosion Exploring Topographical Maps Unit 12: Solar System and the Universe Parts of the Solar System Observing the Solar System Stars and Galaxies Physical Science Unit 14: Light and Sound What is sound? How does sound travel through solids, liquids, and gases? Properties of light Reflection of light	All Units will have: Graphic Organizers Cornell Notes Inquiry/Research-based learning Vocabulary work In class participation Interactive Notebook Self Evaluations Freckle: Adaptive Informational Text Practice Quizzes, Tests, & Projects Labs & Experiments Observations
RELIGION	 Unit 5: We Worship God by Living in Love Life is Precious Christians are Faithful in Love Christians Respect What Belongs to Others Christians Speak the Truth with Love 	Unit 5: We Worship God by Living in Love Lesson Quizzes Unit Exam

	Unit 6: Family Life God's Gift of Family Family Ties Family Feelings God's Gift of Self Communication Change God's Gift of Life New Life Parenthood God's Gift of Love Friendship Marriage God's Gift of Community Supporting Families A Caring World Family	Unit 6: Family Life • Lesson Quizzes • Class Discussions • Unit Exam
STEAM	 Trimester 3 Computer Skills Students will learn, practice, and demonstrate the ability to perform a variety of tasks at the third grade level. Typing Coding Future Tech long distance power for space probes using Plutonium. 	 All Units Will Include: Informal Observation and Assessment Formal Assessment
ART	Fifth graders will be focusing on the elements of art this year: color, line, form, value, texture, shape and space. Students will have also have sketchbooks with a list of prompts to be completed each trimester. Prompt lists are attached to their sketchbooks. Click HERE for prompt lists.	Project Plan for Trimester Three: • Fish prints ○ Printmaking ○ Mixed media ○ anatomy of shadows ○ Art history connection: gyotaku and Japanese fishermen of the 1800's ○ Artist connection: Mariann Johansen-Elis • Graffiti writing ○ Evolution of graffiti

		Art history
		connection: cave
		writing and Egyptian
		hieroglyphics
	4	Oynamic writing
		Positive/negative space
		○ Highlight & shadow in
		lettering
		Artist connection:
		Ewok and Mr. Wany
		Spring project: TBD
		ASSESSMENTS: Students will be graded on their conduct while working on their projects as well as their care for materials and observation of classroom rules: informal observation. Effort and craftsmanship are the main factors considered when grading art projects. Fifth graders will also be formally assessed on following the requirements for each project. Requirements will be shared with students prior to beginning the project.
MUSIC	Unit 4: Ukuleles	Music concepts will be assessed through:
	○ Learn and present basic chord	Informal observation
	patterns on an individual basis	Self-AssessmentPeer assessment
	 Assessed on showcasing a chosen piece to be played on Ukulele 	Various Worksheets
SPANISH	Unit 5	Unit 5
	Food	Food
Text:	How to set a table	Assessments and projects in all units
Descubre el Español	Healthy food choices	may include one or more of the
"E"	Description of what we eat	following:
	Food pyramid and nutrition	Listening, speaking, reading
	• Our senses - verb "doler" to tell what hurts	and writing activities- teacher
	them	observation
	Using body parts and feelings	Interactive exercise involving
	Stay healthy- good habits and doctors' visits	listening and responding
	Cuba and cuban food in Key West Florida	Writing response
	<u> </u>	

	 Cubans' meals and traditional produce Present - and - past tense of verb atender Unit 6 Seasons and weather Names of the four seasons and the months of the year Weather Northern and Southern Hemispheres Describe climate in different geographic locations Cause and effect Means of transportation Using cardinal points to read a map Measurements kilometers to miles Use weather forecast to make plans 	 Create a comic strip expressing feelings and/or senses Create a restaurant menu Label illustrations Cooperative task/role play going to a restaurant Write names of food items in index cards Play games with target vocabulary Vocabulary quiz Find information on line for the current unit Identify visuals of weather
	 Use and apply the verb "visitar" 	 Identify visuals of weather using target language Respond orally to questions on the weather, months, and seasons Complete sentences with correct weather Word puzzle and word search Vocabulary activity
Physical Education	Class will take place on - 1-Thursday 2-Wednesday 3-Friday 4&5 Wednesday and Thursday 6,7,8 Monday and Tuesday	• Observation