2nd Grade Curriculum Overview

Math



Students will learn to count by fives, tens, and multiples of hundreds, tens and ones. Students read, write, and compare numbers to 1,000; and develop fluency with addition and subtraction to 100. Students will understand the relationship between addition and subtraction, and how to add and subtract to 1,000. Students will learn the foundations of geometry and apply their understanding of geometry as they investigate, describe, build, draw, combine, decompose, and analyze two- and three-dimensional shapes. Students will estimate and measure in inches, feet, yards, centimeters, and meters; and solve problems that involve adding, subtracting, and comparing lengths. Students will work with data by taking surveys, pooling their data, and using line plots to better see, understand, and analyze outcomes.

Spelling & Phonics



Students will learn how to apply their phonics skills from Secret Stories and Heggerty to read and spell. They will demonstrate their knowledge of each phonics skill through spelling tests, writing, and reading fluency. Students will learn to segment and blend initial, middle, and ending sounds.

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Social Studies

Religion

Students will learn about communities, cultural characteristics and beliefs, goods and services, and government. Students will learn to read and use maps. globes, geographical keys, and compasses. Students will also learn about geographical regions, key landforms, major historical events and figures (e.g. Harriet Tubman, the Underground Railroad, and Martin Luther King Jr.), and different holidays such as: Veterans Day, Presidents Day, and Thanksgiving. Students will utilize historical resources like autobiographies and biographies to interpret historical events.

spreading the good news of salvation.

Science

In science, students will apply the science and engineering practices (e.g. asking questions, carrying out investigations, analyzing and interpreting data) to make scientific inquiries and problem solve. In Unit One students will learn about the growth and development of organisms, animal structures and behaviors, and inheritance and variation. In Unit Two students will learn about maps and globes, different landforms, bodies of water, and erosion. In Unit Three students will learn about the properties of matter, heating and cooling substances, and the impact of heating and cooling different substances. In Unit Four students will study botany as they learn about plant structures, behaviors, and needs. Students will also study plant and animal interactions.

Writing

Students will know the importance Gospels, and how to use the table of contents to find bible verses. In addition, students will study the 10 Commandments, early persecution of the church and church Martyrs, the

faithless. Students will also deepen their understanding about Jesus and His miracles, ministry, and

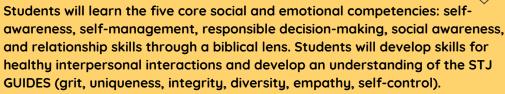
meaning of advent, and heaven. As the year progresses students will focus on Creation, the promised land, how God is faithful in the good and bad times, and develop a deep understanding of faithfulness and being

> Students will learn how to independently use elements of the writing process such as: planning, drafting, revising, and editing. Throughout the school year, students will grow their grammar skills and apply them to their writing. Students will learn about capitalization, punctuation, and language usage (e.g. figurative language and word choice). Students will practice forming letters and numbers appropriately. Students will develop and grow their writing skills as they develop opinion, informative, and narrative writina.

Reading

Second grade students will read on-level text with purpose and understanding. Students will advance their reading accuracy, appropriate rate, and expression skills as they use reading strategies to respond to questions, understand main idea and important facts, accurately retell stories, and sequence events. Students will use their reading skills across content areas and develop multi-media products to represent their findings and communicate new ideas that have been synthesized. Students will discuss various genres and their authors, making text-to-self, text-to world, and text-to-text connections. Students will read and comprehend a variety of text resources (e.g. non-fic, SS primary sources, fiction, poetry).

Social Emotional Learning



Project Based Learning

Students will learn through two Project Based Learning experiences. During the first project students expand their knowledge of various cultures and traditions through reading, writing, and hands-on activities. During the second project students will develop an understanding of landforms, cardinal directions, maps, globes, and seasonal weather changes.

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A PERSONALIZED LEARNING ACADEMY

Month/Unit	August	September	October	November	December	January	February	March	April	May	Curriculum Resource/s
Religion	Beginnings	Beginnings	The Promised Land	The Promised Land	Bad Times and Good Times	The Faithful and Faithless	The Faithful and Faithless	Jesus' Ministry, Apostles' Creed, Lent	Salvation Through Jesus	Spread the Good News	One in Christ
Reading	Daily 5, Phonemic Awareness, Sight Word Introductions	Story Elements (author & illustrator)	Story Elements (Character & Setting), Main Idea, Character Analysis, Auth4or's point of view	Story Elements (Problem & Solution), Cause/Effect, Compare/Contra st, and Fact/Opinion	Figurative vs. literal language, predictions, main idea & details, synonym & antonym.	Summarizing, ABC order, personalized instruction, fiction vs. nonfiction.	Fact vs. opinion, responding relevant questions, draw inferences/conclu sion.	Tall tales, Storytelling, Narrative, Point of View, Main Idea & Details	Dictionary Skills, Sequence Events	Fractured fairytales, summarizing, personalized instruction.	Raz Plus & Teacher Supplemented
Writing	Introduction to Writing (includes capitlization and punctuation, nouns, and verbs)			Opinion Writing (includes parts of speech: plural nouns, verbs and adjectives)		Informative Writing (includes parts of speech: irregular verbs, articles, onomatopoeia, and past vs. present tense)			Narrative Writing (includes parts of speech: shades of meaning, prepositions, adverbs, and possessive nouns)		Writing A-Z, Handwriting Without Tears, Mentor Text
Spelling & Phonics	Long/Short A	Long/Short E, Long/Short I, Long/Short O, Long/Short U	Long Vowel Review, Silent E (Bossy Mommy E), Babysitter Vowel, Consonant Digraphs -th, sh, & ch	Consonant Digraphs - wh, qu, ph, aw and au, Soft c and g	Bossy R, Compund Words, Vowel Teams (2 vowels go walking)	Ea words, ey/y (sneaky y), -ed & -ing suffix	-er and -est, ing/ang/ong, -less & -ful, -ion & -tion	gh, y to i suffix, ghost letters	Contractions, ew/eu/ue, ie/ei, floss	igh/ie/y, ou/ow (oa)	IXL, Raz Plus
Math/Number Corner			Place Value & Measurement with Jack's Beanstalk	Addition & Subraction Within 101		Measurement	Place Value to One Thousand	Geometry	Measurement, Fractions & Multi- Digit Computation with Hungry Ants	Measurement, Data & Multi-Digit Computation with Marble Rolls	Bridges in Mathematics
Science	Birds, Beaks, and Babies		bies	Wind and Water Change the Earth		A Home for a Penguin			Seeds, Sprouts and Sunshine		MySci
Social Studies	Communities	Communities/ Culture	Christopher Columbus and Maps	Maps, Veterans Day, Thanksgiving	Landforms	Landforms, Harriet Tubman & The Underground Railroad, Martin Lurther King Jr.	Autobiographies & Biographies, Presidents Day	Biography projects, Goods & Services	Goods & Services	Government	Scholastic News, Teacher Supplemented
SEL	Classroom Expectations	GUIDES	We Need Each Other	Love at All Times	You First	Teamwork Makes the Dreamwork	Watch My Words	Friends Forgive	I am Valuable	Friendship Is A Gift	Friendzy
PBL	Project 1 (K-2: Cultures & Traditions) Project 2 (K-2: Geographical Study of Landforms, Maps, & the Environment)										Teacher Supplemented