All About 2nd Grade!

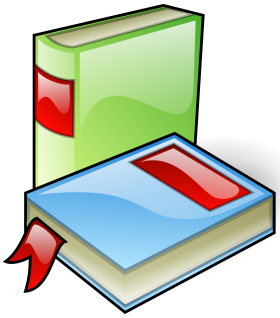
Welcome to 2nd Grade! This is going to be a very exciting year for you and your child!

Below is a list of important information about what to expect in 2nd Grade Academics. We have also provided some information about how to best prepare your scholar for entering 2nd grade. We hope that you find this information useful!

A few things your child will learn in ELA:

Foundational Skills and Conventions (Grammar):

- Review of letter sounds (both long and short sounds for vowels)
- Beginning, middle and end sounds in words
- Short vowel and long vowel sounds (CVCe,
- Open and Closed Syllables
- Letter blends, digraphs and trigraphs in the beginning of words and end of words (ex: Ch, Sh, Th, Fr)
- Diphthongs (ex. ou, ow, oi)
- r-Controlled vowels (ex. er, ir, ur)
- Vowel teams (ex: ea, ou, oa, oo, ow, oi,oy)
- Comparative endings (er, est)
- Magic e (silent e)
- Prefix, suffix, word endings (ed, ing)
- How to segment word parts and blend them together
- Verbs
- Adjectives
- Nouns



- Pronouns
- Subject / Predicate
- Types of Sentences
- Abbreviations
- Prepositions / Prepositional phrases

Reading Comprehension:

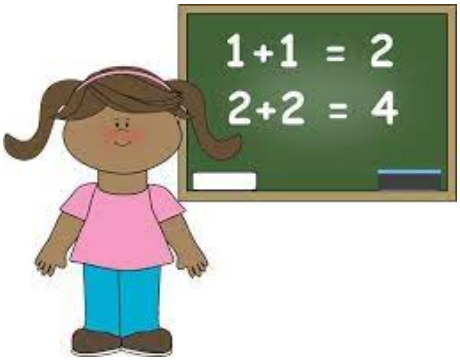
- Fiction story elements (Characters, setting events, plot)
- Nonfiction Text Features (Bold word, Photographs,Graphs and labels)
- Main idea of a text
- Supporting details of a text
- Author's purpose (inform, entertain, persuade)
- Comparing and Contrasting Stories
- Reading poems and learning rhyming words, alliteration, rhythm in poems.

Writing:

- Narrative (creative writing)
- Informational Writing
- How To Writing
- Opinion Writing
- Writing a Poem using rhyming words

A few things your child will learn in MATH:

- Adding and Subtracting 1, 2 and 3 numbers within 1,000
- Adding and subtracting on a number line
- Various strategies to to add and subtract
    - Examples: Fact strategies, doubles / near doubles, make 10 to add or subtract, fact patterns, hundreds chart, open number lines, break apart, compensation, partial sums,
- Odd / Even Numbers
- Addition and subtraction word problems within 1,000
- Time and Money



- Measurement (centimeters, inches, feet, yards, meters)
- Graphs and Data (picture graphs, bar graphs, lineplots)
- Shapes and their attributes (2D and 3D shapes / partitioning shapes – fractions)

A few things your child will learn in Social Studies:

- Families Today and In the Past
- People, Places and Nature
- Government
- People Who Supply Our Goods and Services
- Our American Culture

Books to use to preview Social Studies concepts:

- Me and My Family Tree by Joan Sweeney
- FOLLOW THAT MAP, by Scot Ritchie
- This is How We Do It by Matt Lamothe
- What Are the Three Branches of the Government?: And Other Questions About the U.S. Constitution (Good Question!) by Benjamin Richmond
- Lily Learns About Wants and Needs by Lisa Bullard
- What Makes a Hero? By Ida Kaban
- One Classroom, Many Cultures by Elizabeth Massie

A few things your child will learn in Science:

- Matter
- Plants and Animals
- Earth's Materials
- Nature of Science
- Technology and Tools

Books to use to preview Science concepts:

- Change It! Solids, Liquids, Gases and You by Adrienne Mason
- How a Seed Grows (Let's-Read-and-Find-Out Science 1, 1) by, Helene J. Jordan
- From Tadpole to Frog (Let's-Read-and-Find-Out Science 1) by, Wendy Pfeffer
- Fossils Tell of Long Ago by Aliki
- Any read alouds on landforms!

How to help Second Graders at Home with Literacy

Standard	Skill	When reading at home...
Reading	Key Ideas & Detail	*explain the lesson or main point of the story *summarize the beginning, middle & end including key details *name characters, setting, problem & solution in the story *make a connection between the 2 characters or events in the story
	Craft & Structure	*explain the author's purpose {to give information or to tell a story} *identify words or phrases that suggest feelings *use text features {heading, table of contents, glossary, icons...} *identify information provided by text as well as by the pictures
	Integration of Knowledge	*use pictures clues to describe characters, setting and events *compare characters across different books in a series *compare & contrast non-fiction books on the same topic *identify the reasons the author gives to support the main point
	Range of Reading & Text Complexity	*choose various types of text {stories, poems...} *choose non-fiction texts to find answers to a question
	Print Concepts	*capitalize the first word in a sentence and use ending punctuation
	Phonological Awareness	*clap syllables for words in the story {ex: um-brell-a = 3} *flip vowels when sounding out words {try the long & short sounds} *identify blends and read as one sound {br, cl, gr, sw...} *break words into sounds {ex: shop = sh-o-p}
	Phonics & Word Recognition	*sound out new words by blending the sounds *identify words with silent e and read with long vowel sounds *identify words with 2 vowels together & read the correct sound *clap out syllables in words and identify the vowel in each syllable *identify sight words in the story
	Fluency	*read familiar stories repeatedly & with enthusiasm *use picture clues to figure out new words *reread if necessary to be sure the sentence makes sense
Speaking & Listening	Comprehension & Collaboration	*listen when others are speaking *practice having a conversation about a book, movie or event *ask questions about things that don't make sense in conversation *ask questions about stories as you read
	Presentation of Knowledge & Ideas	*tell about people, places & things with descriptive language *clearly explain your ideas and feelings using complete sentences *add pictures to writing to show detail and give more information
Writing	Text Types & Purposes	*write to tell your opinion and give reasons {I like __ because...} *write to give information on a topic *write to retell a personal event in sequence {first, next, then, last}
	Production & Distribution	*write about one topic and give details *share your writing with others and edit based on their feedback

	Build & Present Knowledge	*use an author's model to write {ex: read a how-to book then write your own set of sequenced instructions} *find information in books to answer questions
Language	Conventions of Standard English	*write capital & lowercase letters on lined paper *speak & write with correct grammar {match nouns & verbs, use pronouns, use adjectives to give detail...) *speak & write in past, present and future tenses *use conjunctions {and, but, or, so, because} to extend sentences
	Vocabulary Use	*use picture clues & surrounding text to learn the meaning of new words *define words and sort them into categories with other similar words *make personal connections by using words in real-life examples *use different words that mean the same thing {big, large, gigantic}

How to Help Second Graders at Home with Math

Operations & Algebraic Thinking	Represents & Solves Problems	*show different ways to solve word problems {use objects, draw a picture, write a number sentence, etc} *identify the type of word problem needing to be solved {adding to, taking away from, putting together, taking apart or comparing} *explain how different strategies are used for certain types of problems *solve word problems that use 3 numbers
	Understands & Applies Properties of Operations	*use what you know about numbers to help solve problems {ex: if the problem is 2 + 6 + 4, recognize that 6 & 4 make a group of 10 to easily add 2 + 10 and get 12} *explain how number sentences can be rearranged {ex: 3 + 8 = 11 and 8 + 3 = 11 are the same problem}
	Adds & Subtracts within 20	*explain how addition and subtraction are related {ex: instead of subtracting 10 – 8, add by counting on from 8 to get 2} *add and subtract numbers 0 to 20 *quickly add and subtract numbers 0 to 10 in your mind *demonstrate various ways to make 10
	Works with Equations	*explain symbols + , – and = *recognize & fix incorrect equations {ex: 5 + 2 = 2 or 4 + 1 = 5 + 2} *solve equations with the unknown in any place {ex: ? + 6 = 12 or 5 = ? – 3}
Operations in Base Ten	Extends the Counting Sequence	*count to 120 starting at any number *read & write numbers 0 – 120 *draw or use objects to represent amounts 0 – 120
	Understands Place Value	*break 2 digit numbers into tens and ones *explain how teens are made of 1 ten and a specific set of ones *explain that tens {10, 20, 30, etc} refer to groups of tens *compare 2 digit numbers using symbols >, < and =

	Uses Place Value to Add & Subtract	*add 1 and 2 digit numbers up to 100 *use drawings or objects to represent numbers to 100 *explain adding tens to tens & ones to ones for 2 digit number problems *tell 10 more and 10 less than a number *subtract tens and explain how you figured it out
Measurement & Data	Measures Length	*line up objects according to length *explain the rules of measuring {end to end without gaps or overlapping} *tell how long something is in specific terms {ex: 10 inches, 4 steps, 13 pop cubes, 20 paperclips...}
	Tells & Writes Time	*tell and write time to the hour and half hour *use digital clocks and analog clocks
	Represents & Interprets Data	*sort objects into categories *count to compare the categories and tell which has more & less *create various types of graphs to display data *read graphs to answer questions and find information
Geometry	Reasons with Shapes	*draw & describe shapes {how many sides & corners, color, size...} *draw 2D shapes {rectangle, square, trapezoid, triangle, ½ & ¼ circle} *create 3D shapes {cube, rectangular prism, circular cone, cylinder} *split circles and rectangles into equal parts *explain vocabulary halves, fourths and quarters *explain how breaking shapes into more pieces creates smaller pieces