

# Class Descriptions



## Elementary Levels K-6

Below are the descriptions for the enrichment sessions offered in our program. Please note that age 12 is considered elementary. The time your child spends in this program is a critical part of ensuring that no gaps in learning are present before moving to upper level work. All classes are designed to be comprehensive and geared toward the core needs of the children enrolled, and all children will have their needs assessed prior to enrollment to ensure that they are in the correct program level. For this reason, our program uses “levels” instead of “grades”. These levels ensure the proper placement and advancement according to each child’s needs. This is the best way to build a bridge between current knowledge and attaining and mastering new knowledge.

<div>Level 1 (Recommended for ages 5-7)</div>	<div>Level 2 (Recommended for ages 6-9)</div>
<div>Level 3 (Recommended for ages 8-11)</div>	<div>Level 4 (Recommended for ages 10-12)</div>
<div>Language Arts</div>	

# Language Arts

## Level 1a - Ready to Read

• *Alphabet: saying the alphabet • Colors: recognizing colors • Direction: left to right • Following directions: oral and written • Grammar: forming simple sentences • Listening: developing listening skills • Personal recognition: reading/ writing first name, knowing age/ address, recognizing names of family members • Phonics: short vowels (a, e, i), initial consonants (b, t, m r, s, n, d, p, l), forming/reading simple words, forming rhyming words • Shapes: circle/square/triangle/ rectangle, recognizing shapes in objects • Stories and poems: creating simple stories/poems • Writing: forming circles/lines, Aa, Bb, Dd, Ee, Ii, Ll, Mm, Nn, Pp, Rr, Ss, T*

• *Grammar: capital letters, periods • Patterns: simple shape/color patterns • Personal recognition: reading/ writing first and last name • Phonics: short vowels (a, e, i, o, u), initial consonants (k, c, f, h, g, j, v, w, y, z, qu, x), reading simple sentences • Position/direction: in/out, in front of/behind, up/down, on/off, open/ closed, over/under • Sequencing: alphabetical order, simple story • Shapes: oval • Size: big/little, large/small • Writing: Kk, Cc, Ff, Hh, Oo, Gg, Jj, Qq, Uu, Vv, Ww, Xx, Yy, Zz*

• *Phonics: recognizing all short vowel/initial consonant sounds, long vowels (a, e, i, o, u), silent e, initial consonant digraphs (sh, ch, soft/hard th), final consonant sounds (\_b, \_ck, \_k, \_l) • Word recognition: color/number/ shape words • Writing: name, alphabet, capital/ lowercase letters, all color words, number words (one, two, three, four, five, six), shape words (circle, square, triangle)*

• *Phonics: recognizing long vowel/ final consonant sounds, initial consonant digraphs (wh, ch, sh, th) • Stories and poems: creating/telling/ reciting stories/poems • Word recognition: position/direction words, number words, shape words • Writing: number words (seven, eight, nine, ten), shape words (rectangle, oval, star), position/ direction words (up/down, high/ low, in/inside, out/outside, top/ bottom)*

# Language Arts

## Level 2a- Fluent Readers

- *KNOW YOUR NOUNS • Review vowels and consonants • Beginning, middle, and ending sounds • Singular and plural nouns • Common and proper nouns*
- *ACTION VERBS • Vowel digraphs • Action words - verbs • Following directions • The dictionary • ABC order*
- *SIMPLE SENTENCES • R-controlled vowels • Consonant blends • Using capital letters • Subjects and verbs in sentences*
- *TYPES OF SENTENCES • Consonant digraphs • Statement, question, and exclamatory sentences • Using capital letters • The library*
- *USING PUNCTUATION • Diphthongs • Punctuation review • Contractions • Rules for making words plural • Writing a biography*
- *ADJECTIVES • Rhyming words • Biblical poetry • Synonyms and antonyms • Adjectives in sentences • Comparative and superlative adjectives*
- *POSSESSIVE NOUNS • Introduction to letter writing • Pronunciation key • Possessive nouns • Silent consonants • Homonyms*
- *PRONOUNS • Author's intent and use of titles • Predicting content • Character, setting, and plot • Analogies • Writing in cursive*
- *VERB TYPES AND TENSES • Review action verbs • Dividing words into syllables • State of being verbs • Past and present verb tenses*
- *PARTS OF SPEECH AND WORD PARTS REVIEW • Nouns and verbs • Word division • Consonant blends and digraphs • Prefixes, suffixes, and root words • Possessives, pronouns, and adjectives*

# Language Arts

## Level 3a Ready to Write

- *WRITTEN COMMUNICATION* • Word derivations • Story sequence • Writing an outline • Writing a report
- *SOUNDS TO WORDS* • Hard and soft — c and g • Parts of a dictionary • Accented syllables • Haiku poetry
- *WORDS: HOW TO USE THEM* • Prefixes and suffixes • Homonyms and antonyms • Poetry and stories • Writing an outline
- *MORE WORDS: HOW TO USE THEM* • Parts of speech • Written directions • Verb tenses • Possessives
- *WRITING FOR CLARITY* • Figures of speech • Capital letters • Punctuation marks • Writing stories
- *FUN WITH FICTION* • Book reports • Fiction and nonfiction • Parables and fables • Poetry
- *FACT AND FICTION* • Nouns and verbs • Contractions • Biography • Tall tales • Fables
- *GRAMMAR AND WRITING* • Adjectives to compare • Adverbs • Figurative language • Paragraphs
- *THE WRITTEN REPORT* • Planning a report • Finding information • Creating an outline • Writing a report
- *COMMUNICATION AND FICTION REVIEW* • Reading skills • Nouns and adverbs • Written communication • Literary forms

# Language Arts

## Level 4a Elements of Language & Poetry

- *STORY MESSAGES* • Main idea and plot • Character and setting • Dialogue • Diphthongs • Digraphs
- *MAIN IDEAS* • Poetry and stories • Synonyms • Topic sentences • Adjectives and nouns • Compounds
- *WORDS TO STORIES* • Subject and predicate • Adverbs • Critical thinking • Writing a short story • Idioms
- *WRITTEN REPORT* • Outline • Metaphor and simile • Writing the report • Types of sentences
- *STORY ELEMENTS* • Legend • Dialogue and quotations • Word order and usage • Story elements • Implied meaning
- *POETRY* • Rhythm • Symbolism • Personification • Irregular plurals • Stanza
- *WORD USAGE* • Common, plural, and possessive nouns • Fact and opinion • Story and main idea
- *ALL ABOUT VERBS* • Tense and action • Participles • Regular and irregular • Singular and plural
- *READING FLUENCY* • Speed reading • Graphic aids • Study skills • Literary forms
- *STORY ELEMENTS AND POETRY REVIEW* • Literary forms • Parts of speech • Writing skills • Study skills

# Math

## Level 1a

- Directions: right, left, high, low, etc.
- Comparisons: big, little, alike, different
- Matching
- Cardinal numbers to 100
- Ordinal numbers to 9th
- Colors: pink
- Shapes: circle, square, rectangle, triangle
- Number order
- Before and after
- Problem solving
- Number words to nine
- Addition to 10 and multiples of 10

- Subtraction to 10
- Place value
- Time/calendar
- Money
- Skip counting: 2s, 5s, 10s
- Greater/less than

## Level 2a

- NUMBERS AND WORDS TO 100 • Numbers and words to 100 • Operation symbols: +, −, =, >, < • Add and subtract • Place value and fact families • Story problems ,
- ADD/SUBTRACT AND EVEN/ODD • Numbers and words to 200 • Add, subtract, even and odd • Skip count 2s, 5s, and 10s • Ordinal numbers, fractions, and money • Shapes,
- ADD WITH CARRYING TO THE 10'S PLACE • Add with carrying to the 10's place • Subtract • Flat shapes, money, and a.m./p.m. • Rounding to the 10's place • Standard measurements,
- NUMBERS/WORDS TO 999 AND GRAPHS • Numbers and words to 999 • Addition, subtraction, and place value • Calendar • Measurements and solid shapes • Making change,
- ADD/SUBTRACT TO THE 100'S PLACE • Data and bar graphs and shapes • Add and subtract to the 100's place • Skip count 3s and place value to the 100's • Add fractions • Temperature,
- SUBTRACT WITH BORROWING FROM 10'S • Measurements • Time and money • Subtract with borrowing from the 10's place • Add and subtract fractions • Perimeter,
- ADD WITH CARRYING TO THE 100'S PLACE • Add with carrying to the 100's place • Fractions as words • Number order in books • Rounding and estimating,
- VOLUME AND COIN CONVERSION • Addition, subtraction, and measurements • Group counting and "thinking" answers • Convert coins • Directions: north, south, east, and west • Length and width,
- AREA AND SQUARE MEASUREMENTS • Area and square measurement • Add three 2-digit numbers with carrying • Add coins and convert to cents • Fractions and quarter-inches,
- CARRYING AND BORROWING REVIEW • Rules for even and odd numbers • Round numbers to the 100's place • Digital clocks and sensible answers • Add three 3-digit numbers

## Level 3a

- WHOLE NUMBERS AND FRACTIONS • Naming whole numbers • Naming fractions • Sequencing patterns • Numbers to 1,000.
- MULTIPLYING WHOLE NUMBERS • Operation symbols • Multiplication – 1-digit multipliers • Addition and subtraction of fractions • Numbers to 10,000,
- SEQUENCING AND ROUNDING • Multiplication with carrying • Rounding and estimating • Sequencing fractions • Numbers to 100,000,
- LINES AND SHAPES • Plane and solid shapes • Lines and line segments • Addition and subtraction • Multiplication with carrying,
- DIVISION AND MEASUREMENTS • Division – 1-digit divisors • Families of facts • Standard measurements • Number grouping,
- DIVISION, FACTORS, AND FRACTIONS • Division – 1-digit divisors with remainders • Factors and multiples • Improper and mixed fractions • Equivalent fractions, MULTIPLICATION AND FRACTIONS • Multiplication – 2-digit multipliers • Simplifying fractions • Averages • Decimals in money problems • Equations,

- WHOLE NUMBERS AND FRACTIONS • Division —1-digit divisors • Fractions and unlike denominators • Metric units • Whole numbers: +, —, x, ÷,
- DECIMALS AND FRACTIONS • Reading and writing decimals • Adding and subtracting mixed numbers • Cross multiplication • Estimation,
- ESTIMATION, CHARTS, AND GRAPHS • Estimating and gathering data • Charts and graphs • Review numbers to 100,000 • Whole numbers: +, —, x, ÷

## Level 4a

- PLACE VALUE, ADDITION, AND SUBTRACTION • Place value • Rounding and estimating • Addition • Subtraction,
- MULTIPLYING WHOLE NUMBERS AND DECIMALS • Multiplying whole numbers • Powers • Multiplying decimals,
- DIVIDING WHOLE NUMBERS AND DECIMALS • One-digit divisors • Two-digit divisors • Decimal division,
- ALGEBRA AND GRAPHING • Expressions • Functions • Equations • Graphing, MEASUREMENT • The metric system • The customary system • Time • Temperature,
- FACTORS AND FRACTIONS • Factors • Equivalent fractions • Fractions, FRACTION OPERATIONS • Like denominators • Unlike denominators • Multiplying fractions • Dividing fractions,
- DATA ANALYSIS AND PROBABILITY • Collecting data • Analyzing data • Displaying data • Probability,
- GEOMETRY • Geometry • Classifying plane figures • Classifying solid figures • Transformations • Symmetry,
- PERIMETER, AREA, AND VOLUME • Perimeter • Area • Surface area • Volume

# History & Geography

# Level 1a

## Your World

- I AM A SPECIAL PERSON • God made me • You are God's child • All about you • Using proper manners, LET'S COMMUNICATE • Sounds people make • Sounds that communicate •Communicating without sound • Communicating with God,
- I HAVE FEELINGS • I feel sad • I feel afraid • I feel happy • I have other feelings,
- I LIVE IN A FAMILY • My mother and father • My brothers and sisters • My grandparents • What my family does,
- YOU BELONG TO FAMILIES • Getting ready in the morning • Walking to school • The school family • The church family,
- PLACES PEOPLE LIVE • Life on the farm • Life in the city • Life by the sea,
- COMMUNITY HELPERS • Firefighters and police officers • Doctors • City workers • Teachers and ministers,
- I LOVE MY COUNTRY • America discovered • The Pilgrims • The United States begins • Respect for your country,
- I LIVE IN THE WORLD • The globe • Countries • Friends in Mexico • Friends in Japan,
- THE WORLD AND YOU • You are special • Your family • Your school and church • Your world

# Level 2a

## U.S. History

- EARLY TIMES • Remembering last year • Learning about early times • The trail of the Native Americans • Symbols and historic places,
- SETTLING THE NEW WORLD • The first settlers • Colonies of the new world • War for Independence • Symbols and historical places,
- A NEW GOVERNMENT FOR A NEW COUNTRY • A study of government • Creating a government • Our government • Symbols and historical places,
- GOVERNMENT UNDER THE CONSTITUTION • Article One -- legislative branch • Article Two -- executive branch • Article Three -- judicial branch • Bill of Rights • Symbols and historical places,
- OUR GOVERNMENT CLOSE TO HOME • Our state governments • Our local governments • Citizens of the United States • Symbols and historical places,
- WESTWARD -- FROM THE ORIGINAL COLONIES • The United States grows • The Lewis and Clark Expedition • The Old Southwest • Symbols and historical places,
- SETTLING THE FRONTIER • The Texas frontier • Westward expansion • Meet America's pioneers • Symbols and historical places,
- EXPLORING AMERICA WITH MAPS • Directions on a map • Reading roads and symbols • Natural features • Symbols and historical places,
- PAST, PRESENT, AND FUTURE MAPS • City maps • Building maps • History of maps • Symbols and historical places,
- REVIEW UNITED STATES HISTORY • The United States begins • Creating a government • Mapping the United States

## Level 3a

### U.S. Geography and History

- U.S. GEOGRAPHY AND HISTORY STUDY SKILLS  
• Map skills • Resources • Community,
- NEW ENGLAND STATES • ME, NH, VT, MA, RI, and CT • New England geography • New England resources • New England community,
- MID-ATLANTIC STATES • NY, PA, NJ, DE, MD, and DC • Mid-Atlantic geography • Mid-Atlantic resources • Mid-Atlantic community,
- SOUTHERN-ATLANTIC STATES • WV, VA, NC, SC, GA, and FL • Southern Atlantic geography • Southern Atlantic resources • Southern Atlantic community,
- SOUTHERN STATES • KY, TN, MS, LA, AL, OK, TX, and AR • Southern geography • Southern resources • Southern community,
- GREAT LAKES STATES • OH, IN, IL, MI, WI, and MN • Great Lakes geography • Great Lakes resources • Great Lakes community,
- MIDWESTERN STATES • ND, SD, NE, KS, MO, and IA • Midwestern geography • Midwestern resources • Midwestern community,
- MOUNTAIN STATES • MT, ID, WY, NV, UT, CO, AZ, and NM • Mountain geography • Mountain resources • Mountain community,
- PACIFIC STATES • WA, OR, CA, AK, and HI • Pacific geography • Pacific resources • Pacific community,
- U.S. GEOGRAPHY AND HISTORY REVIEW • U.S. geographical features • Eastern U.S. review • Western U.S. review

## Level 4a

### U.S. History

- A NEW WORLD • Exploration of America • The first colonies • Conflict with Britain • Birth of the United States,
- A NEW NATION • War for Independence • Life in America • A new form of government • The nation's early years,
- A GROWING NATION • Andrew Jackson's influence • Texas and Oregon • Mexican War • The nation divides,
- A DIVIDED NATION • Civil War • Reconstruction • Gilded Age • The need for reform,
- A CHANGING NATION • Progressive reforms • Spanish-American War • World War I • Roaring Twenties,
- DEPRESSION AND WAR • The Great Depression • War begins in Europe • War in Europe • War in the Pacific ,
- COLD WAR • Korean War and other crises • Vietnam War • Civil Rights movement • Upheaval in America,
- INTO THE NEW MILLENNIUM • Watergate and détente • The fall of communism • The Persian Gulf • Issues of the new millennium ,
- THE UNITED STATES OF AMERICA • Beginning America until 1830 • Stronger America 1830-1930 • Modern America 1930-2020

# Science

## Level 1a

- YOU LEARN WITH YOUR EYES • Name and group some colors • Name and group some shapes • Name and group some sizes • Help from what you see,
- YOU LEARN WITH YOUR EARS • Sounds of nature and people • How sound moves • Sound with your voice • You make music,
- MORE ABOUT YOUR SENSES • Sense of smell • Sense of taste • Sense of touch • Learning with senses,



- ANIMALS • What animals eat • Animals for food • Animals for work • Pets to care for,
- PLANTS • Big and small plants • Special plants • Plants for food • House plants,
- GROWING UP HEALTHY • How plants and animals grow • How your body grows • Eating and sleeping • Exercising,
- GOD'S BEAUTIFUL WORLD • Types of land • Water places • The weather • Seasons,
- ALL ABOUT ENERGY • God gives energy • We use energy • Ways to make energy • Ways to save energy,
- MACHINES AROUND YOU • Simple levers • Simple wheels • Inclined planes • Using machines,
- WONDERFUL WORLD OF SCIENCE • Using your senses • Using your mind • You love yourself • You love the world

## Level 2a

- THE LIVING AND NONLIVING • What God created • Rock and seed experiment • God-made objects • Man-made objects,
- PLANTS • How plants are alike • Habitats of plants • Growth of plants • What plants need,
- ANIMALS • How animals are alike • How animals are different • What animals need • Noah and the ark,
- YOU • How people are alike • How you are different • Your family • Your health,
- PET AND PLANT CARE • Learning about pets • Caring for pets • Learning about plants • Caring for plants,
- YOUR FIVE SENSES • You can see • You can smell and hear • You can taste • You can feel,
- PHYSICAL PROPERTIES • Colors • Shapes • Sizes • How things feel,
- OUR NEIGHBORHOOD • Things not living • Living things • Harm to our world • Caring for our world,
- CHANGES IN OUR WORLD • Seasons • Change in plants • God's love never changes • God's Word never changes,
- LOOKING AT OUR WORLD • Living things • Nonliving things • Caring for our world • Caring for ourselves

## Level 3a

- YOU GROW AND CHANGE • Air we breathe • Food for the body • Exercise and rest • You are different,
- PLANTS • Plant parts • Plant growth • Seeds and bulbs • Stems and roots,
- ANIMAL AND ENVIRONMENT CHANGES • What changes an environment • How animals are different • How animals grow • How animals change,
- YOU ARE WHAT YOU EAT • Food helps your body • Junk foods • Food groups • Good health habits,
- PROPERTIES OF MATTER • Robert Boyle • States of matter • Physical changes • Chemical changes,
- SOUNDS AND YOU • Making sounds • Different sounds • How sounds move • How sounds are heard,
- TIMES AND SEASONS • The earth rotates • The earth revolves • Time changes • Seasons change,
- ROCKS AND THEIR CHANGES • Forming rocks • Changing rocks • Rocks for buildings • Rock collecting,
- HEAT ENERGY • Sources of heat • Heat energy • Moving heat • Benefits and problems of heat,
- PHYSICAL CHANGES • Change in man • Change in plants • Matter and time • Sound and energy



## Level 4a

- CELLS • Cell composition • Plant and animal cells • Life of cells • Growth of cells,
- PLANTS: LIFE CYCLES • Seed producing plants • Spore producing plants • One-celled plants • Classifying plants,
- ANIMALS: LIFE CYCLES • Invertebrates • Vertebrates • Classifying animals • Relating function and structure,
- BALANCE IN NATURE • Needs of life • Dependence on others • Prairie life • Stewardship of nature,
- TRANSFORMATION OF ENERGY • Work and energy • Heat energy • Chemical energy • Energy sources,
- RECORDS IN ROCK: THE FLOOD • The Biblical account • Before the Flood • The Flood • After the Flood,
- RECORDS IN ROCK: FOSSILS • Fossil types • Fossil location • Identifying fossils • Reading fossils,
- RECORDS IN ROCK: GEOLOGY • Features of the earth • Rock of the earth • Forces of the earth • Changes in the earth,
- CYCLES IN NATURE • Properties of matter • Changes in matter • Natural cycles • God's order,
- LOOK AHEAD • Plant and animal life • Balance in nature • Biblical records • Records of rock.

# More resources!

## Sports Conditioning

Join us every Wednesday from 1:20-2:20 for physical activities designed to strengthen muscles, increase agility, improve balance and overall physical health.

## Basketball Skills & Drills

Join us every Wednesday from 2:20-3:20 for skills and drills exercises designed to improve sportsmanship, learn ball handling techniques and improve goal making.

## Dance

Join us every Thursday from 3:20-4:20 for dance! This class is designed for elementary ages and covers the basics of ballet and jazz, movement and rhythm, and stretching, strengthening and conditioning.

## Martial Arts

Join us every Monday from 2:20-3:20 for a lesson in self defense taught by our certified Martial Arts Instructor! Uniform required.

Performances to be held in December and May.	
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