

Calvert Education Curriculum

How to Use Calvert PreK-2

Calvert Curriculum focuses on masterybased learning. Mastery occurs when students truly "master" the content or skills taught in one learning experience before progressing. This concept varies substantially from traditional academic programs, where students grouped together by grade levels progress through the same academic material in the same prescribed amount of time. Real mastery is seldom experienced by all students when that technique is used.

The Calvert Curriculum, with its teacher-directed activities, self tests, and final test makes mastery-based learning a reality for each student. The curriculum provides for systematic review (repetition of basic concepts and skills) at three levels. The first is reinforcement of the material within the workbook itself. Testing is cumulative, requiring the student to recall material from previous sections, thus creating a constant "spiraling" review. The second level of the spiral is found in the relationship of the material between different academic subjects. For example, the Kindergarten Language Arts curriculum teaches the student color and shape words, while the Kindergarten Math curriculum simulta-

neously teaches about the same colors and shapes. The third level of the spiral is a review of the same material at a higher grade level.



Calvert Preschool

These flexible courses easily can be adapted to a variety of

daily schedules and program objectives. Each set features a student book with colorful, hands-on lessons, as well as a teacher's guide stuffed with answer keys, lesson plans, and tips to enrich your child's learning. Each set also includes a separate resource book with full-color pages of practice to reinforce foundational concepts.



Calvert Kindergarten

The Teacher's Guide has an extensive lesson plan for each

page in the student book. This plan is accompanied by a reduced student page with answer overlays. There are two student books for each subject. The pages are perforated for easy removal. The Kindergarten curriculum does not have any tests. Instead, an oral evaluation is available after each block of 40 lessons.

Workbooks



Calvert First Grade

The two-part Teacher's Guide has an extensive

lesson plan for teaching each page in the student books. This plan is accompanied by a reduced student page with answer overlays. Teacher's Guide Part 1 covers units one through five and Part 2 covers units six through ten. There are ten student books for each of the four subjects. Each unit has a self test for each section and a final unit test. The final test is to be removed from the back of the workbook before the student begins the unit. The Teacher's Guides also include reproducible worksheets and alternative unit tests. The alternative tests are administered to students who did not achieve the mastery score on the initial unit test.

There are no formal spelling lists in the Language Arts curriculum but there is a list of words for each self test and each unit test that are taken from the concepts studied in the sections. Those lists are in the Language Arts Teacher's Guides and the words are dictated to the students when they do the self tests and unit tests. The spelling lists help the teacher to evaluate whether the student can apply the concepts learned in the unit to writing the words.



Calvert Second Grade

The focus in kindergarten and grade one is on

developing the reading and comprehension skills. The object is to prepare students to apply those skills for independent learning. The second grade course is designed for independent study with teacher and parent guidance. The Teacher's Guide is primarily an answer key with duplication masters for alternative tests. Some courses have supplemental learning activities that reinforce and extend the information covered in the units. The Language Arts Teacher's Guide also includes an end of unit spelling test and an alternate spelling test. There are ten student books for each subject. Each unit has a self test for each section and a final unit test. The final test is to be removed from the back of the workbook before the student begins work on the unit.

PRESCHOOL FOR THREES

Calvert Preschool for Threes prepares your child for a lifetime of learning. Hands-on activities and engaging lessons are easy to teach and fun to learn, making this preschool program a favorite of both kids and parents. These flexible courses easily can be adapted to a variety of daily schedules and program objectives.



Lessons 1-10	Lessons 11-20	Lessons 21-30	Lessons 31-40
 Introduce and identify colors Introduce letters Aa-Hh Learn left to right Identify numbers 1-4 Discuss personal hygiene Introduce opposites Experiment with items that float and sink 	 Identify matching numbers 1-5 Introduce letters Hh-Mm Recognize numbers 5-9 Identify traffic signs Introduce calendars and days of the week Practice writing and drawing lines Discuss how seeds grow 	 Grow an avocado from a seed Introduce letters Nn-Tt Practice pattern recognition Recognize the number 10 Recognize items in groups of 10 Learn concepts of hot and cold Match animals to their habitats 	 Practice memory skills Introduce letters Uu-Zz Measure with a ruler Identify numbers 1-10 Experiment with magnets Arrange items from first to last Mix colors to form new colors

Calvert Preschool Phonics prepares your child for reading success with colorful curriculum. Hands-on activities and engaging lessons are easy to teach and fun to learn, making this phonics course a favorite of both kids and parents. This flexible program easily can be adapted to a variety of daily schedules and program objectives.



Lessons 1-45

Lessons 46-90

Lessons 91-135 Lessons 136-180

- Recognize letters and sounds (A-N)
- Learn upper and lowercase letters (A-N)
- Recognize and begin writing first names
- Master holding a pencil correctly
- Practice writing strokes
- Recite action rhymes and poems
- Student address
- Dictate simple notes, letters, and invitations.
- Follow directions and recipes

12

- Recognize letters and sounds (O-Z)
- Learn upper and lowercase letters (O-Z)
- Differentiate between various letters using colors and shapes
- · Introduce blending of sounds (A-B)
- Recite action rhymes and poems
- Dictate descriptions of drawings or experiences
- Identify spoken and written words
- Introduce multiple word sentences
- Write names freehand
- · Begin blending of compound words

- Blend sounds (C-N)
- Identify names and sounds of lettersand beginning sounds of words
- Use simplified, phone listing
- Follow directions to complete a project
- Blend compound words
- Write names freehand
- Use a computer to type first names
- Begin "About Me" learning log
- Learn action rhymes
- Spell words/names with alphabet cards
- Listen to animal stories
- Comparative words
- Alphabetize cards

- · Review blending of sounds Aa-Zz
- · Review initial sounds of Aa-Zz
- Review recognition of letters Aa-Zz
- Use descriptive words to describe textures
- Learn the five senses
- Complete sentences that helps students express feelings
- Classify food using a food group chart
- Practice talking in complete sentences through questioning and answering.
- Discuss positive work habits
- Use invented spelling in writing
- Identify phonemes while hearing words
- Write addresses and phone number
- Complete "About Me" learning log



Calvert Preschool Math encourages early math skills. Hands-on activities and engaging lessons are easy to teach and fun to learn, making this math course a favorite of both kids and parents. This flexible program easily can be adapted to a variety of daily schedules and program objectives.



Lessons 1-45

Learn numbers 1-9

- from 1 to 9
- Count from 1 to 10.
- Identify values of numbers by counting groups of objects
- Match pictures with a number
- Identify properties of a triangle, circle, square, and rectangle .
- Find shapes in everyday life
- Look for similarities and differences between various shape drawings
- Review the colors red, green, blue, black, white, yellow, brown, pink, purple, orange, and gray

Lessons 46-90

- Learn numbers 0-12
- Complete dot-to-dot Practice number recognition of 1-20
 - · Count forwards and backwards
 - Learn 1+1=2
 - Complete dot-to-dot activities
 - Review simple addition using counters
 - Tell time to the hour using digital and analog clocks
 - Sing songs about time and numbers
 - Review correlation between a specific number and an amount of objects.
 - Review triangle, circle, square, rectangle, star, and heart shapes.
 - Introduce the oval shape

Lessons 91-135

- Learn simple addition (2+1=3,3+1=4, 4+1=5, 5+1=6)
- Introduce subtraction (2-1=1)
- Review correlation between a specific number and an amount of objects
- Learn the diamond shape
- Review triangle, circle, square, rectangle, star, heart, and oval shapes
- Solve puzzles using shapes
- · Sort and classify basic shapes
- Review shapes using dot-to-dot activities
- Complete simple patterns

 Practice subtraction (3-1=2, 4-1=3, 5-1=4,6-1=5)

Lessons 136-180

- · Review addition and subtraction
- · Solve addition and subtraction problems using manipulatives
- Review correlation between a specific number and an amount of objects
- · Show understanding of addition and subtraction
- Measure handprints using non-standard units of measurement
- Connect dots to finish a puzzle
- Create simple patterns
- Review bike safety





Calvert Preschool Electives encourages discovery learning and creates meaningful learning experiences with hands-on activities and engaging lessons that are easy to teach and fun to learn. This flexible program can be adapted to a variety of daily schedules and program objectives.



Lessons 1-45 Lessons 46-90 **Lessons 136-180 Lessons 91-135** Discuss and explore Learn about various · Explore the Introduce the family relationships characteristics of parts of a tree different body Discover nature Explore different systems Discuss the five and introduce the produce and their · Review the life cycle environment classification of a frog senses Recognize concepts Discuss how plants Discuss pollution · Discuss the kinds of left and right have medicinal and how it affects of tools needed for our water supply Define self space different iobs purposes and general space · Introduce space and and animals · Discuss the Discuss air and its the solar system Explore the importance of impact on nature Identify the four characteristics of following the rules Explore plant life seasons birds, reptiles, and Introduce natural and its life cycle Learn about insects · Discuss the purpose astronauts · Discuss endangered Discover and of plants for people Discuss seasonal birds and the risk of examine fossils and animals extinction Discuss the weather patterns Discuss various Discuss Learn the importance of seeds and how characteristics of characteristics friends they are used or stars and planets specific to mammals Learn about the Classify mammals consumed importance of and non-mammals community

Getting Ready to Read, Calvert Kindergarten Language Arts

is an introductory language course which focuses on the key components of phonics and basic language skills. Two vibrant workbooks filled with drills in consonants, vowels, and blending establish the foundation for reading. A comprehensive teacher's guide is included in this Calvert course, allowing for structure and ease of planning.

Lessons 1-40

- Say the alphabet Recognize colors
- Learn left to right
- Following directions
- Form simple sentences
- Listening skills
- Learn short a, e, i vowels
- Form and read simple words
- Review circle, square, triangle, and rectangle shapes
- Listen to stories and poems
- Form circles and lines
- Write Aa, Bb, Dd, Ee, li, Ll, Mm, Nn, Pp, Rr, Ss, and Tt

Lessons 41-80

- Learn that sentences begin with a capital, end with a period
- Review simple shape and color patterns
- Read and write first and last name
- review short a, e, i, o, and u vowels
- Learn position/direction Concepts
- Learn alphabetical sequencing
- Learn oval shapes
- Learn sizing concepts
- Write Kk, Cc, Ff, Hh, Oo, Gg, Jj, Vv, Ww, Uu, Yy, Zz, Qq, and Xx

Lessons 81-120

- Recognize short vowel sounds
- Recognize all initial consonants
- · Recognize long vowel sounds
- Recognize color, number, and shape words
- Write first and last name
- Write all upper and lowercase letters
- Write all color words
- Write number words up to six
- Write circle, square, and triangle

Lessons 121-160

- Recognize long vowel sounds
- · Recognize all final consonant sounds
- · Create, tell, and recite stories and poems
- Recognize position/ direction words: up/ down, high/low, in/ inside, out/outside
- Write number words up to ten
- Write rectangle, oval, and star
- Write position/ direction words: up/ down, high/low, in/ inside, out/outside



Getting Ready for Math, Calvert Kindergarten Math is full of fun learning activities designed to build a strong math foundation.

With a focus on the fundamentals of elementary math, this course provides colorful instruction and practice in core concepts such as counting, comparisons, number order, time, money, addition, and subtraction. This Calvert course includes two large workbooks and a teacher's guide.

Lessons 1-40

Identify directions

- Make comparisons: big/little, alike/different
- Practice matching
- Learn cardinal and ordinal numbers to 9 and 9th
- · Identify colors: red, yellow, blue, green, purple, brown
- Identify shapes: circle, square, rectangle, triangle
- Practice number order
- Identify before and after
- Practice problem solving

Lessons 41-80

- · Practice directions and comparisons
- Matching
- · Learn cardinal numbers to 12
- Identify the colors orange
- · Review shapes: circle, square, rectangle, Triangle
- Practice number order
- · Practice before and after
- Practice problem solving
- Learn number words to Nine
- Learn addition to 9
- Review number bonds

Lessons 81-120

- Practice directions and comparisons
- Matching
- Learn cardinal numbers to 19
- Identify the colors black and white
- Learn shapes: circle, square, rectangle, triangle, cube, prism, cone, cylinder, sphere
- Practice problem solving
- Learn addition of multiples of 10
- Learn subtraction
- Learn place value
- Learn time/calendar
- Review number bonds

Lessons 121-160

- · Practice directions and comparisons
- Matching
- Learn cardinal numbers to 100
- Identify the color pink
- review shapes: circle, square, rectangle, triangle, cube, prism, cone, cylinder, sphere
- · Practice addition and multiples of 10
- Learn subtraction
- Introduce the concept of money
- Introduce skip counting: 2s, 5s, 10s
- · Learn greater/less than

HISTORY & GEOGRAPHY | GRADE 1

Your World, Calvert 1st Grade History & Geography is a mastery-based approach to teaching your child about history, geography, and living in the world. Ten engaging workbooks in this Calvert course present lessons on being special in a community, communication, living in a family, farms, cities, community helpers, our country, our world, and more!

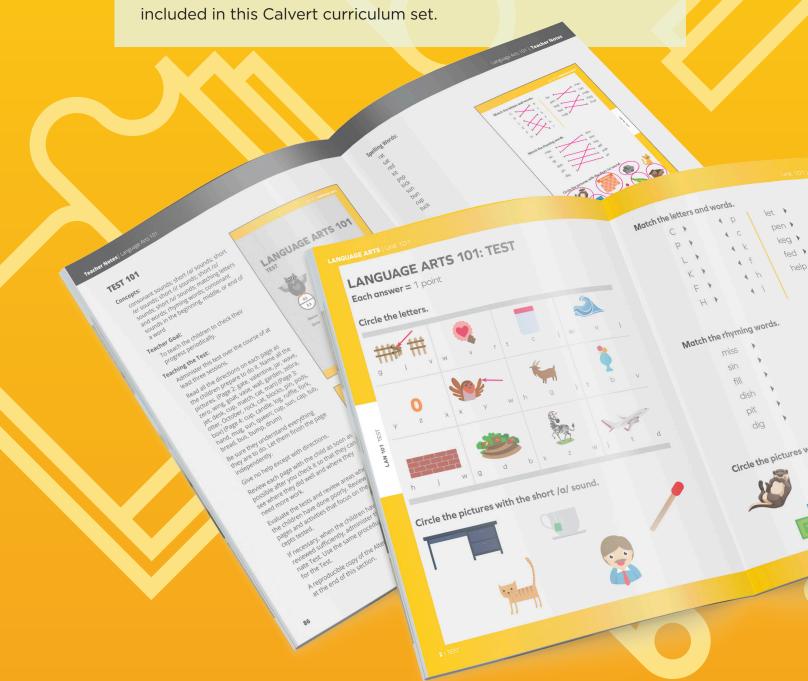


PLACES PEOPLE LIVE I AM A SPECIAL PERSON Unit Why You Are Special · Life on the Farm All About You · Life in the City · Life by the Sea · Acting Like A Special Person **COMMUNITY HELPERS** LET'S COMMUNICATE · Helper Who Keep You Safe · Communicating With Sound People Who Help You Stay Well · Communicating Silently • Friends Who Help You Learn Communicating with Others I HAVE FEELINGS I LOVE MY COUNTRY • How America Was Discovered · I Feel Sad · How the United States Began I Feel Happy • I Feel Many Things Show Respect for Your Country I LIVE IN THE WORLD I LIVE IN A FAMILY Meet My Mother and Father · The World Around Us Friends in Mexico Meet the Rest of My Family • Friends in Japan · Learn What My Family Does THE WORLD AND YOU YOU BELONG TO FAMILIES Unit 10 · Getting Ready in the Morning · You Are Special Your Family • Being Part of a Team · Your World The Neighborhood Family

sentence. Say it with your teacher.

Alphabet Sounds, Calvert 1st Grade Language Arts is a

comprehensive language course which integrates phonics, reading, and grammar into one fun-filled course. Ten colorful workbooks, five vocabulary-controlled readers and a complete teacher's guide make this a great choice for an easy-to-use reading program! Reading Basics, a set of five required beginning-level readers, are



ALPHABET AND SHORT VOWEL R-CONTROLLED VOWELS AND SOUNDS PLURAL WORDS • Short a, e, i, o and u Reading and Understanding Stories Consonants Following Directions · Rhyming Words Pronouns **VOWEL DIGRAPHS AND** RHYMING WORDS, ADDING "-ING" **SENTENCES** Plural Words Telling Stories Kinds of Sentences • Listening and Exclamations Consonant Blends and Suffixes Letters and Verb Forms **VOWEL DIGRAPHS AND** CONSONANT DIGRAPHS, **POSSESSIVE WORDS** SOFT C AND G Alphabetical Order Contractions Words with qu Possessive Words Writing Sentences Compound Words **DIPHTHONGS AND** VERBS, BLENDS, AND SILENT CONTRACTIONS LETTERS Diphthongs ou, ow, oi, and oy Cardinal and Ordinal Numbers Main Ideas Subject-Verb Agreement Abbreviations Writing Stories PHONICS AND GRAMMAR LONG VOWELS AND SYLLABLES REVIEW · Long a, e, i, o, and u Letters, Sounds, and Words Contractions and Possessives Sequence **Double Consonants** Main Ideas

4 Help

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ith the short |o| sound.

Addition and Subtraction, Calvert 1st Grade Math focuses on the basics of elementary math. Ten colorful workbooks in this Calvert course provide instruction and practice in concepts such as number order, number words to 200, place value, addition, subtraction, time, and fractions. This course was created to instill a strong and comprehensive math foundation!



NUMBER ORDER, ADD/SUBTRACT NUMBER WORDS TO 99 Add to 18 · Count to 99 Add 10s and 1s Measurements and Shapes • Time to Quarter Hour Story Problems COUNT TO 200, SUBTRACT TO 12 ADD/SUBTRACT TO 10, SHAPES Ones and Tens Place Ordinal Numbers Numbers as Words A.M and P.M. · Patterns, Sequences, Estimation Skip Counting ADD/SUBTRACT TO 18 FRACTIONS, TIME, AND SYMBOLS • Two-Digit and Columnar Addition · Reading a Number Sentence Oral Directions Operation Symbols • Number Order to 100 • Graphs and Number Lines SENSIBLE ANSWERS ADD TO 18, MONEY, MEASUREMENT Skip Counting Family of Facts Skip Counting and Shapes Pennies and Dimes Place Value Subtract Two-Digit Numbers COLUMN ADDITION, ESTIMATION **COURSE REVIEW** Number Lines and Charts Fractions and Patterns Number Order and Fractions • Directions and Graphs **Ordinal Numbers** Measurements

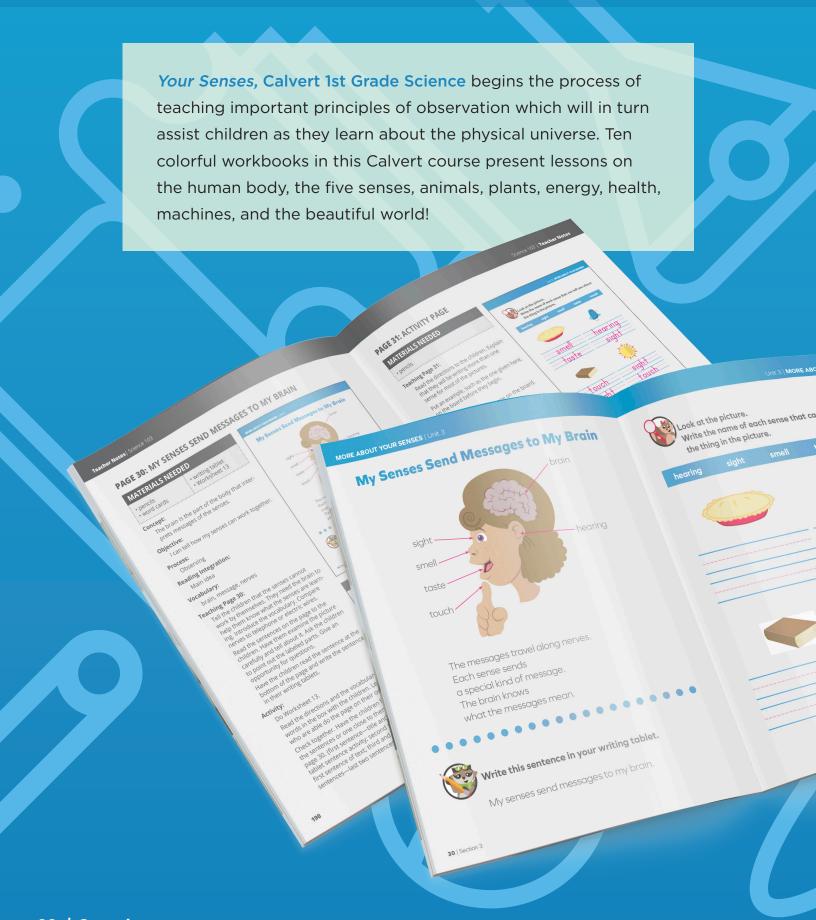
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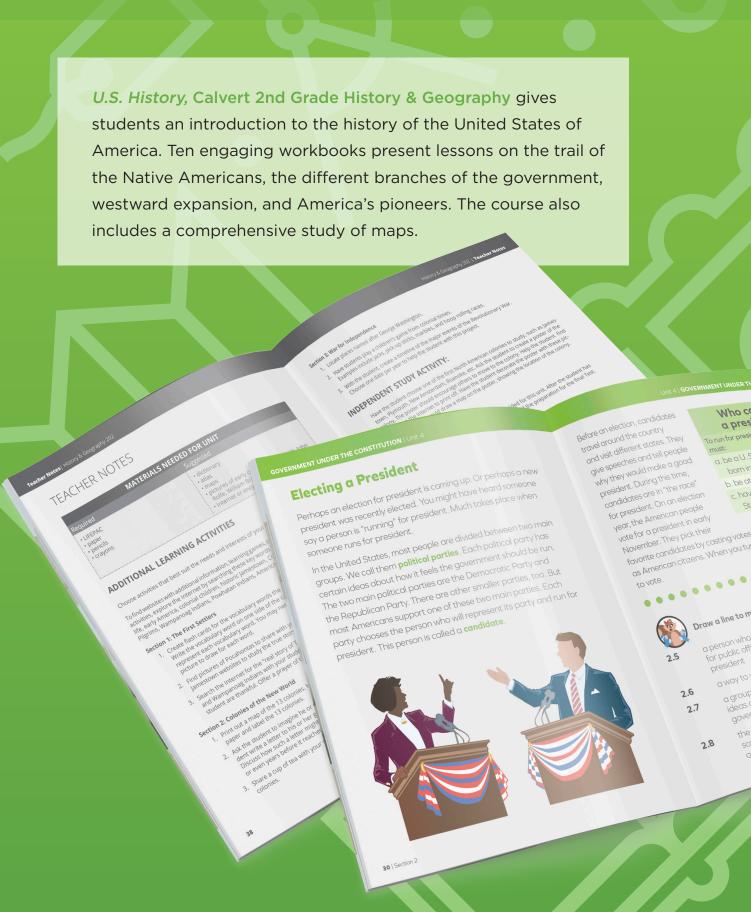
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reasure would you choose to put

fore you take the Self Test, study what you have read nd done. The Self Test Will check What you remember.



GROWING UP HEALTHY LIGHT Light as Energy Growing Plants and Animals · Cause of Shadows • Eating and Sleeping Reflection of Light Exercising YOU LEARN WITH YOUR EARS **OUR BEAUTIFUL WORLD** • The Land You Hear Sounds You Learn About Sound • The Water · You Make Sounds • The Weather and Seasons **ENERGY** MORE ABOUT YOUR SENSES Types of Energy Smell and Taste Energy That We Use · Touch: The Sense of Feeling Saving Energy · The Senses: A Review MACHINES AROUND YOU **ANIMALS** Levers Wild Animals Wheels Farm Animals Incline Planes Pet Animals **PLANTS** WONDERFUL WORLD OF SCIENCE Unit 10 · Plants in Nature You Use Your Senses Plants on a Farm You Use Your Mind · Plants at Home You Use Your Love



LOOKING BACK WESTWARD-FROM THE **ORIGINAL COLONIES** Learning about Early Times Unit The Trail of the Native Americans The United States Grows Symbols and Historic Places The Lewis and Clark Expedition The Old Southwest SETTLING THE FRONTIER SETTLING THE NEW WORLD The First Settlers The Texas Frontier · Colonies of the New World Westward Expansion • The War for Independence • Meet America's Pioneers A NEW GOVERNMENT FOR **EXPLORING AMERICA WITH MAPS** A NEW COUNTRY · Directions on a Map A Study of Government Reading Roads and Symbols • Creating a Government Natural Features Our Government PAST, PRESENT, AND FUTURE MAPS **GOVERNMENT UNDER** THE CONSTITUTION City Maps Building Maps The Legislative Branch The Executive Branch · History of Maps • The Judicial Branch **OUR GOVERNMENT CLOSE REVIEW UNITED STATES HISTORY** on ballots. Voting is our duty m 18 years old, you will be able Unit 10 TO HOME The United States Begins Our State Government Creating a Government Our Local Government Mapping the United States Citizens of the United States _{latch these meanings with their words.} a. political b. ballot

sd nr

ident?

s. citizen who was

the United States, least 35 years old, and

is running kace, such as

that has certain of how the nament should be run

length of time mething can last, such s serving as president

c. term d. candidate

e lived in the United ates for the past 14 years.

The Parts of Speech, Calvert 2nd Grade Language Arts

integrates grammar, spelling, reading, and writing into one course. Building on a strong phonics base, this language course touches on critical language topics such as developing sentences, punctuation, prefixes, suffixes, nouns, verbs and much more!



KNOW YOUR NOUNS

Phonics - Short and Long Digraphs

- Spelling Words (Short Vowels)
- Ways to Communicate

ACTION VERBS

- · Vowel Digraphs au, aw, ew
- Writing Nouns and Verbs in Sentences
- · The Dictionary

SIMPLE SENTENCES

- Beginning Consonant Blends
- Ending Consonant Blends
- Writing Complete Answers to Questions

TYPES OF SENTENCES

- Exclamation Sentences
- Using Capital Letters
- Subjects and Predicates

USING PUNCTUATION

- · Punctuation Review
- Vowel Digraphs and Diphthongs
- Rules for Making Words Plural

ADJECTIVES

- Contractions
- Making Words That Rhyme
- Comparative and Superlative Adjectives

POSSESSIVE NOUNS

- Different Consonant Sounds
- · Writing Parts of a Letter
- Homonyms

PRONOUNS

- Author's Intent and Use of Titles
- Recognizing Characters, Setting, and Plot
- Cursive Handwriting

VERB TYPES AND TENSES

Dividing Words into Syllables

- Word Division Using a Dictionary
- Subject-Verb Agreement

LOOKING BACK

- Review Poetry
- Review Verb Tenses
- Review Dictionary Use

nen Sally talked with Grandma, Sally learned

e house

omething new about her grandmother.

Carrying and Borrowing, Calvert 2nd Grade Math is filled with fun learning activities. Ten colorful workbooks in this course focus on the basics of elementary math, providing instruction in numbers to 1,000, operation symbols, measurements, shapes, rounding, addition, subtraction, time, estimation, and fractions. It was created to encourage a strong math foundation.



NUMBERS AND WORDS TO 100 SUBTRACT WITH BORROWING FROM THE TENS' PLACE Subtraction Facts to 18 Number Order • Time Fact Families Number Words · Add & Subtract Fractions ADD/SUBTRACT AND EVEN/ODD ADD WITH CARRYING TO THE HUNDREDS' PLACE Numbers and Words to 200 Subtraction Facts · Rounding and Estimation Operation Symbols Adding and Subtracting Fractions ADD WITH CARRYING TO **VOLUME AND COIN CONVERSION** THE TENS' PLACE · Maps and Directions Group Counting Number Line Addition with Carry Perimeter Money and Facts NUMBERS AND WORDS TO 999. AREA AND SQUARE MEASUREMENT **AND GRAPHS** ത · Perimeter and Area Solid Shapes · Data and Graphs Measurements • Measure to 1/4 Inch Calendars ADD/SUBTRACT TO THE **REVIEW** HUNDREDS' PLACE Rounding Number Sentences Subtraction · Patterns and Rounding Fractions Add and Subtract Dollars

ocks and north three blocks.

ore you take the Self Test, study what you have read or e your rune are were read, sumy what you remember.
It done. The Self Test will check what you remember.



THE LIVING AND NONLIVING YOUR FIVE SENSES Unit Unit You Can See Living and Nonliving Objects Rock and Seed Experiment You Can Smell You Can Taste Man-Made Objects PHYSICAL PROPERTIES **PLANTS** All About Colors How Plants Are Like People How Plants Are Different • Shapes and Sizes · What Plants Need to Live How Things Feel **OUR NEIGHBORHOOD ANIMALS** ∞ · What is Environment? · How Animals Are Alike · What is Pollution? How Animals Are Different · What is Ecology? · What Animals Need to Live CHANGES IN OUR WORLD YOU Unit · People and Animals Change You Are Like Other People • Weather and Plants Change · You Are Part of a Family Land Changes You Need Good Health Habits PETS AND PLANT CARE LOOKING AT OUR WORLD Unit 10 S All About Pets All About Living Things All About Plants Nonliving Things · Caring for Pets and Plants · All Things Together

