## BJU Press

 Bible Truths

BJU Press
Science 1


## Bible Content/Bible Truths

- 43 of the complete set of 147 questions arranged under 7 biblical doctrines
- Bible Stories from both the Old and New Testaments that demonstrate each Bible Truth.
- Historical figures including Adam, Moses, David, Jesus, Peter, and Paul
- Doctrines including God, God's Works, The Fall, Christ, Salvation, Christian Living, and the End Times.


## Bible Living

- Instruction for the students on how to make the Bible Truth a part of their lives
Biblical Worldview
- Instruction on how the Bible

Truths help students understand God's creation biblically

- Explanations on how nonbiblical worldviews are not true


## Bible Memory

- 43 Bible Truth responses to be memorized for knowing Bible truth
- 7 memory verses to support the seven doctrinal themes

Bible Truth Songs

- 43 songs that help students learn the 43 Bible Truths


## GENERAL SCIENCE

- Science, scientists, the five senses, STEM: the engineering design process (ask, imagine, plan, make, make better, share), a scientist's worldview, process skills (observe, classify, measure, infer, predict, communicate) science tools (hand lens, ruler, measuring cup/beaker, balance scale, thermometer), the scientific method (problem, hypothesis, materials, procedure, observations, conclusions)


## LIFE SCIENCE

Plants

- Living things, nonliving things, needs of plants (light, air, water, dirt, space), ways people use plants, result of sin, parts of plants (roots, stems, leaves, flowers), life cycle (seed, seedling, adult plant), parents and young


## Animals

- Environment, needs of animals (air, water, food, shelter, space), classifying animals (fish, birds, mammals),
parts of animals, life cycle (robin), parents and their offspring, results of $\sin$


## OUR BODIES

## The Human Body

- Animals and people (similarities and differences), parts outside (head, arms, legs), parts inside (bones, muscles, heart, lungs, brain, stomach)


## Care for the Human Body

- Be kind to others (in words and actions), healthy habits (for a strong body, to keep germs away, to keep germs away from others, for strong teeth), safe habits (at play, in the car, at home, in the community)


## EARTH-SPACE SCIENCE

 The Earth and Its Lights- Beginnings, earth's rotation, sun (characteristics, path), stars (characteristics, star pictures), moon (characteristics, path, phases)


## Seasons

- Earth's revolution and tilt, cycle of seasons, characteristics of winter, spring, summer, fall


## Weather

- Temperature, wind, the water cycle (clouds, rain, sleet, hail, snow), what a meteorologist is and does


## PHYSICAL SCIENCE

## Light Energy

- Beginnings of light, natural or manmade light, light and objects (transparent, translucent, opaque), shadows, characteristics (illuminates, how light travels)


## Sound Energy

- How sound is made, how sound moves, sound and matter, how sound is heard, how sound changes (volume, pitch)


## Communicating with Light and Sound

- Around home, around school,
around the community; additional worldview learning

BJU Press
Spelling 1


## 30 Weekly Word Lists

- Ten words per list (nine pattern words and one sight word)
- Words frequently used in writing
- Review list with pattern words every fifth week


## Generalizations

- Phonics generalizations: short and long vowel patterns, $r$-influenced vowel patterns, diphthongs
- Consonant patterns: consonants, consonant blends and digraphs, soft $C$
- Structural generalizations: suffixes s, es, ed, er, est, ing; suffix rules: no change to base word, double the final consonant, drop the final $e$


## Word Study

- Phonics and structural analysis activities
- Word meaning activities: sentence contexts, rhyming words, meaning or picture clues, puzzles


## Proofreading

- Spelling awareness: identifying the correct spelling for a given
word, identifying and correcting misspelled words, standard-ized-test practice


## Dictionary Skills

- Location skills
- Alphabetical order to the first and second letter
- Entry words, guide words, word forms, sample sentence


## Writing Application

- Dictation sentences in tests


## Focus

- Developing a Christian worldview of the family, community, jobs, land, and the United States



## BJU Press

## Math 1



## Geography

- Types of land and water, continents and oceans
- Globes and maps (title, key, compass rose), cardinal directions
- Saving and using resources

Weather

- Seasons
- Water cycle


## History

- Time (past, present, future)
- Primary and secondary sources


## American History

- Native Americans
- Explorers
- Settlements: Jamestown and Plymouth
- Founding of the United States
- Abraham Lincoln
- Effects of immigration
- United States today

Government

- Rules and laws, justice
- Community, state, and national leaders; elections
- Description and symbols of the United States
- Rights and responsibilities of American citizens


## Economics

- Needs and wants
- Goods and services
- Trading, barter, money
- Jobs, volunteers
- Budgeting


## - Technology and tools

## Culture

- Biblical worldview
- Families and homes
- Celebrations
- Families in history
- Churches and schools
- Changes in travel and communication
- Contributions of immigrants

Social Studies Skills

- Addresses and landmarks
- Sorting and sequencing
- Bar graphs, diagrams, timelines, and calendars
- Literacy skills: compare, main idea and details, fact and opinion, cause and effect


## Numeration

- Read and identify 0-999
- Write and picture 0-999
- Number words: zero to twenty


## Number Sense

- Compose/decompose
- Ordinals: first-tenth; first, next, last; before, after, between
- Patterns; sequencing: first, next, last; before, after, between


## Number Line

- Place value
- Hundreds/tens/ones; 1 more/1 less, 10 more/10 less, 100 more/100 less
- Expanded form
- Compare with < and >
- Even/odd numbers

Counting

- Find patterns in numeration
- Count to 999
- Count by $1 \mathrm{~s}, 5 \mathrm{~s}, 10$ s to 200
- Count forward and backward


## Addition

- 100 basic facts (using strategies)

Number sentences (equations) and vertical form

- Two- and three-digit addends; money
- Rename 10 ones as 1 ten


## Subtraction

- 100 basic facts (using fact families and other strategies); two-digit minuend and subtrahend; equation; vertical form; money
- Word problems: take-away, comparison, missing addend
- Subtract 0 rule


## Multiplication Readiness

- Repeated addition; counting by $2 \mathrm{~s}, 5 \mathrm{~s}, 10 \mathrm{~s}$


## Algebra Readiness

- Represent a picture with a number sentence; missing addend
- Understand and use addition properties (commutative, associative, identity)


## Fractions

- Equal parts; halves; fourths
(quar-
ter); part of a set of objects


## Geometry

- Plane shapes: circle, square, trian- gle, rectangle; sides and corners
- Solid figures: sphere, cylinder, rectangular prism, cube, cone; corners, faces, curved sides
- Spatial relationships; patterns; perimeter


## Estimation

- Numbers of objects
- Length: is longer, is shorter
- Weight: weighs more, weighs less
- Capacity: holds more, holds less


## Measurement

- Length/height: nonstandard units, inch, centimeter
- Weight: weighs more, weighs less
- Capacity: holds more, holds less
- Temperature: Fahrenheit; Celsius
- Measuring tools: ruler, scale, thermometer, cup
- Time: hour and half hour; elapsed time
- Calendar: days, weeks, months
- Money: penny, nickel, dime, quar ter


## Problem Solving

- Word problems; picture, tally chart, bar graph
- Reasoning

Graphs and Data

- Pictures, graphs, bar graphs, tally charts
Calculators (optional)
- Make numbers; addition; subtraction


## A Reason For Handwriting

A Reason for Handwriting Level A Student Worktext begins with 30 daily lessons reviewing manuscript letter formation. After completing these, the work text proceeds to 28 weekly lessons, which each provide 10-15 minutes of daily practice. On days 1-3, students write letters and words from the week's Scripture verse. On day 4, students trace over the entire verse as it appears in the work text. On the final day, students select a Border Sheet from the back of the book, and write the week's Scripture verse in their best handwriting, then use their creativity to color the design on their Border Sheet.

Note: The weekly verse in A Reason For Handwriting Level A corresponds with the same week's theme verse in A Reason For Spelling Level A, thus reinforcing the Scripture content of each lesson.

## A Beka Language Arts: Phonics



Letters and Sounds $\mathbf{1}$ is a complete phonics practice seatwork book. Each phonics element necessary for learning to read is systematically reviewed in an appealing way. The many puzzles, riddles, exercises, and illustrations are designed to teach word analysis skills, build vocabulary, and increase reading comprehension.

Handbook for Reading is an invaluable teaching tool for the application of phonics rules. The words for students to read are arranged to correlate with the sequence in which diphthongs, digraphs, consonant blends, etc., are taught. Ample practice and thorough review help students master phonics concepts. The early introduction of short vowels allows students to read whole words, sentences, and stories during the first few weeks of first grade.

## Added Enrichment

Review games During independent seatwork: Circle special sounds/mark vowels Write word other than clue word for special sound
Underline root word/circle suffix

Write or match rhyming words
Add correct special sound to beginning/middle of word Add suffix to given root word
Match special sound to correct word

## Evaluation

Oral and written phonics test32)

## Skills Development

Review: long and short vowel sounds, consonant sounds
Blend consonants with vowels
Blend special sounds with vowels
Review 47 special sounds and clue words learned in K5 h Learn and apply 85 additional special sounds and clue words: special sounds include consonant blends, diphthongs, digraphs, 11 suffixes, 5 prefixes
Demonstrate ability to provide other example words that contain special sounds
h Understand that syllables are parts of words
h Be able to identify root words
h Demonstrate ability to add suffixes using the rules:
$h$ When a root word ends with a single consonant and the vowel
is short, the consonant is usually doubled before adding a suffix beginning with a vowel.
h When a root word ends with a silent $\boldsymbol{e}$, the $\boldsymbol{e}$ is usually dropped before adding a suffix that begins with a vowel
h Demonstrate ability to add prefixes to root words correctly
h Correctly divide words into syllables between:
h Double consonants; root words and suffixes
h A vowel and a consonant
h Two differing consonants
h Prefixes and root words
Master phonics rules including:
One- and two-vowel rules: When there is one vowel in a word, it usually says its short sound. When there are two vowels in a word, the first vowel says its long sound and the second vowel is silent.
When a consonant is doubled at end of a short word, it says its sound one time.
$\boldsymbol{c} \boldsymbol{-} \boldsymbol{k}$ usually follows a short vowel (ex.: back)
h $\boldsymbol{k}$-e follows a long vowel (ex.: bake)
$\boldsymbol{c} / \boldsymbol{k}$ rhyme: $\boldsymbol{k}$ comes before $\boldsymbol{i}$ and $\boldsymbol{e}$; $\boldsymbol{c}$ before the other three- $\boldsymbol{a}, \boldsymbol{0}, \boldsymbol{u}$ (ex.: key, cat)
Suffix -s says " $\mathbf{s}$ " or " $\mathbf{z}$ "

Know and apply tips for learning special sounds:
"ck in duck" usually follows a short vowel; says the $\boldsymbol{k}$ sound one time only
" $\boldsymbol{e}$ in me" says long $\boldsymbol{e}$ sound when only vowel at end of short word
"o in go" says long o sound when only vowel at end of short word
" $\boldsymbol{y}$ in fly" says long $\boldsymbol{i}$ sound when at end of short word
"ay in pray" usually comes at end of word
h "ou in out" usually comes in middle of word
h "ow in owl" usually comes before n , l , or at end of word
h "oi in coin" usually comes in middle of word or syllable
h "oy in boy" usually comes at end of word or syllable
h "kn in knot" comes at beginning of word or syllable; $\boldsymbol{k}$ is silent
h " $g \boldsymbol{n}$ in gnat" comes at the beginning of a word; $\boldsymbol{g}$ is silent
$h$ " $\boldsymbol{a}$ in adopt" comes at the beginning of a word ("a" usually says short " $u$ " at the beginning of any word)
h "le in little" usually comes at end of word with two or more syllables
h Suffix -ed can say "t" or "d," or it can say "ed" when it comes after
$\boldsymbol{t}$ or $\boldsymbol{d}$
"wh in whale" says " $\boldsymbol{h}$ " when followed by o
"tch in patch" usually follows a short vowel
"ew" can say "oo" or long "u"
When $\boldsymbol{c}$ comes before $\boldsymbol{e}, \boldsymbol{i}$, or $\boldsymbol{y}$, it says "s"
When $\boldsymbol{g}$ comes before $\boldsymbol{e}, \boldsymbol{i}$, or $\boldsymbol{y}$, it says " $\boldsymbol{j}$ "
"hdge in fudge" usually follows a short vowel
"hwr in wrinkle" has a silent w
"are in care" can be sounded using two-vowel rule
""ure in pure" can be sounded using two-vowel rule "sion in television" is usually found in a word with one $\boldsymbol{s}$
"sion in missionary" s says "sh"; usually followed with another s
"or in sailor" comes at end of word with two or more syllables
"ar in dollar" comes at end of word with two or more syllables
Apply phonics concepts to reading

## A Beka- Language Arts: Reading



First graders learn that there is a whole new world just waiting for them as they advance their read- ing skills. The early readers coordinate the reading material with the phonics concepts students are learning. Students move from stories with simple one- and two-vowel words to stories based on chil- dren's classics, giving them valuable practice in applying phonics skills. Each reader features delight- ful, character-building selections that appeal strongly to the interests of first graders.

## Literary Value

44 authors, including well-known writers such as Aesop, Christina Rossetti, Robert Louis Stevenson, and Lewis Carroll

Character-building and patriotic story themes such as honesty, integrity, courage, kindness, industry, forgiveness, and unselfishness

Materials
Evaluation
Readers (10) containing: Weekly oral reading grade Short stories (184)
Plays (3)
Poems (73)
Primary Bible Reader containing
selected Scripture reading
(24 lessons)
h RED indicates first introduction of content.

A Beka- Reading Skills Development<br>Read and decode (sound out) words by applying phonics sounds and rules<br>Strive for increasing:<br>Accuracy, correct enunciation, fluency<br>h Phrasing<br>Alertness to punctuation; good expression; comprehension<br>Appropriate pace for grade level<br>Volume; poise<br>Follow along as others read orally<br>Receive differentiated instruction with ability grouping

## Readers

Fun with Pets contains 15 stories including one- and two-vowel words, sight words, words ending in two different consonants, phrases, and sentences; using apostrophes in possessives and contractions; practicing "z" sound for letter s; observing punctuation and practicing appropriate expression; defining vocabulary; answering oral and written comprehension questions; practicing rhyming words, marking words phonetically; includes story/character themes and scriptural applications.
Tiptoes contains 32 stories and 8 poems (realistic fiction, animal tales, Scripture reading) reviewing one- and two-vowel words, sight words, and sentences; practicing special sounds with consonant blends from phonics charts 6-7, all punctuation marks, contractions and compound words; answering oral comprehension and discussion questions with written comprehension/application activities; practicing accuracy in reading with smoothness and speed; includes introductions and story themes featuring Christian virtues and character traits.
Stepping Stones contains 18 stories, 7 poems, and 1 play focusing on phonics charts 8-9; practicing new sight words, punctuation marks, apostrophes in possessives, compound words, contractions; introducing two-syllable words, root words, and suffixes; answering inferential questions, drawing conclusions, recalling events of story in proper sequence; answering oral and written comprehension questions/application activities; building vocabulary using advanced words and definitions; applying story themes to build Christian virtues/character.
Secrets and Surprises contains 11 stories, 31 poems, and 2 plays fo practicing special sounds from phonics charts 8-11, root words, and
suffixes; defining unfamiliar vocabulary words; practicing accuracy in reading with smoothness and expression; responding to oral comprehension/discussion questions; completing analytical activities including plot sequencing, character comparisons, illustration interpretation, content application, and word usage.
Kind and Brave contains 18 stories and 10 poems including fables, folk literature, realistic fiction, animal tales, biographical stories, Scripture reading; emphasizing special sounds from phonics charts 10-11; expanding reading vocabulary through use of prefixes and suffixes; applying phonics rules through oral/written word practice pages; improving enunciation, poise, and volume; applying character themes with related Scripture verses; answering comprehension/discussion questions; drawing conclusions from facts given in story; completing sequencing, choral reading, supplemental library enrichment activities.
Aesop's Fables contains 27 character-/moral-themed stories including related Scripture for each fable; practicing phonics charts 8-11; reviewing syllabification and word division rules, suffixes, prefixes, root words, and compound words; emphasizing conversational tone in reading dialog; analyzing given information to select correct answers for oral/written comprehension activities; playacting and visual demonstration activities.
Strong and True contains 22 stories and 7 poems consisting of fables, folk literature, animal tales, biographical stories, realistic fiction, Scripture reading; reviewing phonics charts 12-13; including character themes emphasizing loyalty and patriotism; applying phonics rules through oral/written word practice pages; expanding vocabulary using unfamiliar words and definitions; answering inferential questions, drawing conclusions, recalling events of story in proper sequence; answering oral and written comprehension questions; completing sequencing, choral reading, supplemental library enrichment activities.
Down by the Sea contains 16 stories and 4 poems including animal tales, Scripture reading, poetry, realistic fiction; providing comprehensive review of phonics charts 6-13, punctuation, contractions, prefixes, and suffixes while increasing vocabulary; answering factual, inferential, and interpretive questions; drawing conclusions relating to setting, main characters, climax, moral, cause and effect, plot; applying language skills to written activities including synonyms, antonyms, homonyms, rhyming words; completing sequencing, choral reading, visual recognition/comprehension, supplemental library enrichment activities.

## A Beka Reading cont.

## Readers

Animals in the Great Outdoors contains 25 stories and 6 poems including animal tales, Scripture reading, poetry, realistic fiction; providing comprehensive review of phonics charts 6-13, contractions, and compound words; including story/character themes/Bible verses for application; answering literal and interpretive comprehension/discussion questions; drawing conclusions relating to setting, main characters, climax, moral, cause and effect, plot; applying language skills to written activities including compound words, hom- onyms, rhyming words, illustration interpretation; recognizing false/ incorrect information and formulating correct responses; complet-
ing sequencing, choral reading, visual recognition/comprehension, supplemental library enrichment activities.
Primary Bible Reader contains familiar stories of Scripture such as Creation, the Christmas story, Life of Christ, as well as selected verses for age-appropriate personal application to promote independent Bible reading.

## Comprehension, Discussion, \& Analysis Skills Development

- Answer factual and interpretive questions for most stories and poems
- Answer inferential comprehension and discussion questions
- Read sight words; challenging words
- Complete integrated phonics, language, and reading skills activities such as:
- Marking short and long vowel sounds
- Circling special sounds
- Adding correct special sounds to complete words
- Reading clues to solve puzzles
- Filling in the blank with correct word/phrase to complete a sentence
- Matching pictures with descriptive words
- Matching pictures with descriptive phrases or sentences
- Choosing correct sentences for telling events in story
- Choosing correct picture to answer comprehension questions about the story
- Numbering pictures in correct story sequence
- Marking root words and suffixes
- Identifying parts of compound words
- Forming contractions
- Matching rhyming words; writing rhyming words
- Matching picture with correct homonym
- Reading comprehension question and circling correct answer


## A Beka Language Arts: Language



Designed for use during independent work times, the work-text Language 1 provides daily exercises to help students increase thinking skills, improve reading comprehension, and develop creative writing ability. By the end of the year, students will be able to write in complete sentences, capitalize the first word of a sentence, capitalize the days and months, place a period at the end of a sentence, know and use suffixes and prefixes, and alphabetize words.

## Added Enrichment

Review games During independent seatwork:
Copy sentences (16)
Finish sentences (61)

Write original sentences (48)
Alphabetical Order ${ }^{12}$ )
Reading Comprehension(8)
Verb Tenses (5)

## Grammar

Capitalization:
First word in the sentence
$h$ Days of week and months of year
h Proper Names
h Names of God
The word I
Punctuation: correctly use period at end of a telling sentence
h Correctly use question mark at end of asking sentence
h Correctly use exclamation point at end of expressive sentence
The sentence: always begin with capital letter
Word study and diction:
$h$ Determine number of syllables
A vowel and a consonant
Two consonants that are not alike
Two vowels that are not alike
Prefixes and root words
Alphabetize words
Comprehend reading material and answer questions
h Find root words
h Add suffixes and prefixes to root words
Recognize and use:
h Compound words; rhyming words
Opposite words (antonyms)
h Same-meaning words (synonyms); same-sounding words
(homonyms)
Cpntractions
h Divide a word into syllables between:
Double consonants
Rossessives
plurals
Merb tenses/subject-verb agreement
Root words and suffixes

## Composition

hWrite:
h Interesting sentences, paragraphs
h Short narratives
(74)

Copying/completing sentences
Writing original sentences (52)

