

GIDEON Math Curriculum

MATH & READING CENTER

<p>BEGINNING MATH Learning 1 to 5 Learning 6 to 10 Review 1 to 10 Learning 11, 12, & 13 Learning 14 & 15 Learning 16 to 20 Learning 21 to 30 Learning up to 50 Learning up to 100 Learning up to 500</p>	<p>HORIZONTAL ADDITION Adding One Adding Two Adding Three Adding Mix 1 - 3 Adding Four Adding Five Adding Six Adding Mix 4 - 6 Adding Seven Adding Eight Adding Nine Adding Mix 7 - 9</p>	<p>HORIZONTAL SUBTRACTION Subtracting One Subtracting Two Subtracting Three Subtracting Mix 1 - 3 Subtracting Four Subtracting Five Subtracting Six Subtracting Mix 4 - 6 Subtracting Seven Subtracting Eight Subtracting Nine Subtracting Mix 7 - 9</p>	<p>VERTICAL ADDITION & SUBTRACTION HA - HS Review Addition - Regrouping A Addition - Regrouping B Addition - Regrouping C Addition - Regrouping D Subtraction - Ungrouping A Subtraction - Ungrouping B Subtraction - Ungrouping C Subtraction - Ungrouping D VA - VS Review</p>
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<p>HORIZ. MULTIPLICATION & DIVISION Multiplying by Two & Three Dividing by Two & Three Multiplying by Four & Five Dividing by Four & Five Multiplying by Six & Seven Dividing by Six & Seven Multiplying by Eight & Nine Dividing by Eight & Nine Multiplying by 12 & Review Dividing by 12 & Review Dividing with Remainders: 2,3,4 Dividing with Remainders: 5,6,7 Dividing with Remainders: 8,9,10,11 Dividing with Rem.: 12 & Review HM - HD Review</p>	<p>VERT. MULTIPLICATION & DIVISION Multiplying 2x1 & 3x1 - Regroup Once Multiplying 2x1 & 3x1 - Regroup Twice Intro: Multiplying 2x2 Practice: Multiplying 2x2 & 3x2 Mastery: Multiplying 3x2, 3x3, 4x3 Long Division A: Dividing 2÷1 Long Division B: Dividing 3÷1, 4÷1, 5÷1 Long Division C: Dividing 2÷2 Long Division D: Dividing 3÷2, 4÷2 Review: VM-VD + Dividing 3÷3, 4÷3</p>	<p>FRACTIONS Equivalent Fractions & Easy Reduction GCF & Harder Reduction Improper Fractions & Mixed Numbers Add & Subtract Frac. with LIKE Denom. Add & Sub. Mixed Numb. - LIKE Denom. Add & Sub. Frac. - UNLIKE Denom. I Add & Sub. Frac. - UNLIKE Denom. II Add & Sub. Mix. Num.-UNLIKE Denom. I Add & Sub. Mix. Num.-UNLIKE Denom. II Mult. & Divide Fractions Mult. & Divide Mixed Numbers Review</p>
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DECIMALS & PERCENTS

Conversions between Fractions & Decimals
Graph and Compare Fractions & Decimals
Rounding, Adding, & Subtracting Decimals
Multiplying & Dividing Decimals
Percents and Percentages
More Percentages and Percent Change
Metric & Customary Measurements
Perimeter and Area
Basic Exponents & Scientific Notation
Review

PRE-ALGEBRA

Order of Operations I
Add & Subtract Three Fractions & Mixed Numbers
Multiply and Divide Three Fractions & Mixed Numbers
Four Operations with Integers
Order of Operations II
Combining Rational Numbers I - Fraction & Decimals
Combining Rational Numbers II - Mixed Numbers
Order of Operations III
Probability and Percentage
Review

ALGEBRA I

Evaluating Simple Expressions
Evaluating Complex Expressions & Formulas
Like Terms and Distributive Property
Checking for Solutions and Number Prop
Simple Equations
Two Step Equations
Equations with Like Terms and Dist. Property
Equations with Variables on Both Sides
Fractional Equations
Complex Equations
Multi-Variable Equations
Inequalities
Absolute Value Equations and Inequalities
Graphing I - Points & Slope
Graphing II - Slope-Intercept Form
Writing Equations of Lines

Exponents I
Exponents II
Multiplying and Factoring with Monomials
Multiplying Binomials
Factoring Diff. of Squares and Simple Trinomials
Factoring Complex Trinomials
Solving by Factoring
Systems of Equations I: Graphing and Elimination
Systems of Equations II: Substitution and Inequalities
Systems of Equations III: Word Problems
Radicals
Radical Equations
Graphing Simple Quadratics
Solving Quadratic Equations
Rational Expressions
Review A - D

GEOMETRY

Basic Terms and Segments
Angles
Simple Proofs
Perpendicular and Parallel Lines
Triangles
Polygons
Congruent Triangles
Isosceles Triangle and Coordinate Proofs

Similar Triangles
Right Triangles
Right Triangle Trigonometry
Circles I & II
Area of Two-Dimensional Figures
Solids I: Prisms and Pyramids
Solids II: Cylinders, Cones, and Spheres
Transformations
Challenge Problems

CODEBUSTERS

Series: 12 booklets

tT-aA	pP-cS	jJ-oO-hH	gG-eE-lL
mM-kK	nN-iI-vV	cC-uU-yY	qQ-xX-zZ
bB-fF	review	wW-rR-d	review

- 2-3 letters per booklet
- letter recognition
- phonemic awareness: sound of each letter
- concepts of reading & writing words (left to right)
- fine motor development

Letter Learners: 26 booklets

- 1 letter/booklet for the slower learner

WORDBUILDERS

A-R: 18 booklets + storybooks

short a	sh	long vce
short i	ch	short & long
short o	th	long irregular
short u	wh/wa	Bossy R: a/or
short e	nk/ng	Bossy R: u/e/ir
review	review	review

- combine phonetic sounds to decode words
- short vowel sounds to complex consonant blends
- fine motor development
- phonemic awareness—extensive phonics
- spelling & mazes
- accompanied by two story books each which reviews previous words and sounds
- reviews every 6th booklet

READY READERS

A-D: 4 booklets

Phonetic based series providing beginning

- covers many sounds found in WB
- main idea & sequencing
- sentence construction
- storybooks read along with this series

WORDBUILDERS

S-X: 6 booklets + storybooks

long e: ee, ea	long i & air
long a: ai, ay	long o & sh, oo
long oo	review

- combine phonetic sounds to decode words
- fine motor development
- phonemic awareness—extensive phonics
- spelling
- accompanied by two story books each which reviews previous words and sounds

READY READERS

E-H: 4 booklets

Phonetic based series providing beginning comprehension

- covers many sounds found in WB
- main idea & sequencing
- sentence construction
- storybooks read along with this series

WORDBUILDERS

Y-DD: 6 booklets + storybooks

oy/oi & ow/ou	ed, tion, & le
aw/au/al	2 syll. & except.
soft c,g & ph/gh	review

- combine phonetic sounds to decode words
- fine motor development
- phonemic awareness—extensive phonics
- spelling
- accompanied by two story books each which reviews previous words and sounds

READY READERS

I-L: 4 booklets

Phonetic based series providing beginning comprehension

- covers many sounds found in WB
- main idea & sequencing
- sentence construction
- storybooks read along with this series

<p>ROCKET READERS A-L: 12 booklets A phonetic based series that uses advanced comprehension and new vocabulary</p>	<ul style="list-style-type: none"> ● vocabulary ● compound and two-syllable words ● comprehension and main idea ● inference and fact/opinion
<p>WORD WHIZ 1 A-H: 8 booklets A vocabulary program that advances and strengthens basic language skills</p>	<ul style="list-style-type: none"> ● 96 words and their definitions ● scrambled sentences ● multiple choice and matching ● sentence writing and spelling
<p>DISCOVERY READERS 1 A-D: 4 booklets Nonfiction reading passages with comprehension questions on a variety of subjects</p>	<ul style="list-style-type: none"> ● find the main idea ● identify a sequence ● multiple choice ● match vocabulary words to meanings
<p>BEGINNER DETECTIVES A-D: 4 booklets Longer nonfiction & fiction reading passages series</p>	<ul style="list-style-type: none"> ● more advanced sequencing ● comprehension ● main idea vs. narrow fact from the passage
<p>STORY DETECTIVES A-H: 8 booklets Longer nonfiction & fiction reading passages series focusing on main idea, sequencing, and comprehension</p>	<ul style="list-style-type: none"> ● more advanced sequencing ● comprehension ● main idea vs. narrow fact from the passage ● vocabulary
<p>WORD WHIZ 2 A-H: 8 booklets A vocabulary program that advances and strengthens basic language skills</p>	<ul style="list-style-type: none"> ● 96 words and their definitions ● scrambled sentences ● multiple choice and matching ● sentence writing and spelling
<p>TEST TAKERS 2 A-D: 4 booklets Test prep series with language arts drills along with comprehension of long fiction and nonfiction passages</p>	<ul style="list-style-type: none"> ● spelling and phonics ● synonyms and antonyms ● comprehension and vocabulary ● introduction to state standardized testing format
<p>DISCOVERY READERS 2 A-D: 4 booklets Nonfiction reading passages with comprehension questions on a variety of subjects</p>	<ul style="list-style-type: none"> ● find the main idea and sequencing ● synonyms/antonyms ● draw conclusions & true/false ● interpret facts and graphs
<p>WORD WHIZ 3 A-L: 12 booklets A vocabulary program that advances and strengthens basic language skills</p>	<ul style="list-style-type: none"> ● 144 words and their definitions ● scrambled sentences ● synonyms/antonyms ● word search and other puzzles
<p>TEST TAKERS 3 A-H: 8 booklets Test prep series with language arts drills along with comprehension of long fiction and nonfiction passages</p>	<ul style="list-style-type: none"> ● syllabication and word analysis ● synonyms/antonyms and capitalization/punctuation ● comprehension and vocabulary ● state standardized testing format

<p>DISCOVERY READERS 3 A-D: 4 booklets Nonfiction reading passages with comprehension questions on a variety of subjects</p>	<ul style="list-style-type: none"> ● find the main idea and sequencing ● synonyms/antonyms ● draw conclusions and true/false ● interpret facts
<p>BEGINNER NOVELS 4 A-D: 4 booklets Long fiction reading passages (chapters) from classic literature with a focus on sequencing and comprehension</p>	<ul style="list-style-type: none"> ● sequencing six events and providing paragraph #s ● three pages long stories ● must distinguish true events from false ones ● finding the best summary
<p>WORD WHIZ 4 A-L: 12 booklets A vocabulary program that advances and strengthens basic language skills</p>	<ul style="list-style-type: none"> ● 144 words and their definitions ● scrambled sentences and parts of speech ● synonyms/antonyms ● word search and other puzzles
<p>TEST TAKERS 4 A-H: 8 booklets Test prep series with comprehension of long fiction and nonfiction passages along with poetry</p>	<ul style="list-style-type: none"> ● word analysis & summary ● graphic organizers & Venn diagrams ● comprehension & inference ● state standardized testing format
<p>DISCOVERY READERS 4 A-D: 4 booklets Nonfiction reading passages with comprehension questions on a variety of subjects</p>	<ul style="list-style-type: none"> ● find the main idea and sequencing ● synonyms/antonyms ● draw conclusions and true/false ● interpret facts
<p>BEGINNER NOVELS 5 A-D: 4 booklets Long fiction reading passages (chapters) from classic literature with a focus on sequencing and comprehension</p>	<ul style="list-style-type: none"> ● sequencing six events and providing paragraph #s ● three pages long stories ● must distinguish true events from false ones ● finding the best summary
<p>WORD WHIZ 5 A-P: 16 booklets* A vocabulary program that advances and strengthens basic language skills</p>	<ul style="list-style-type: none"> ● 224 words and their definitions ● Latin roots ● synonyms/antonyms ● proper usage & finding the correct form of the word
<p>TEST TAKERS 5 A-H: 8 booklets Test prep series with comprehension of long fiction and nonfiction passages along with poetry</p>	<ul style="list-style-type: none"> ● graphic organizers & Venn diagrams ● summary & vocabulary ● comprehension with poetry and analogies ● state standardized testing format
<p>DISCOVERY READERS 5 A-D: 4 booklets Nonfiction reading passages with comprehension questions on a variety of subjects</p>	<ul style="list-style-type: none"> ● find the main idea and sequencing ● synonyms/antonyms ● draw conclusions and true/false ● interpret facts

Higher curriculum also available
*Some are still in production.

GRAMMAR 1

- A alphabetizing; synonyms; antonyms; nouns; punct./cap. beginning and end of sentences
- B prop./comm. nouns; question-statement; homophones; punct./cap. titles and names of people
- C a-an; punct./cap. comma: city, state/country; plural nouns; adj. + nouns
- D ordering months/days; action verbs; punct./cap. dates with days of the week before
- E review of Grammar 1A-D
- F s-v agreement: action verbs; punct./cap. commas: items in a series; intro word comma: sent. comb.
- G name abbrv.; linking verbs; s-v agreement: to be verbs; punct./cap. comma with conjunctions
- H punct./cap. colon with time; apostrophes with singular possessive; contractions; sentence combining
- I s-v agreement; punct./cap. abbreviations: streets and common words; syllables
- J review of Grammar 1 F-I
- K subject pronoun; your/you're/you; full subj./predicate; punct./cap. street names and full addresses
- L object pronoun; their/they're/they/them; simple subj./verb; punct./cap. comma between 2 adj.
- M to/two/too; plural and singular possessive nouns; adj./nouns; punct./cap. specific places
- N part of speech review; poss./plural nouns; me/myself/I, punct./cap. Specific places
- O review of Grammar 1 K-N
- P dictionary skills; possessive nouns: singular vs. plural
- Q guide words; dictionary skills; choose the correct pronoun
- R choose the right word, choose the right capitalization; sentence corrections
- S choose the right word, choose the right punctuation; sentence corrections
- T review of Grammar 1 P-S

GRAMMAR 2

- A sentence types; find subject & verb; punctuation / capitalization: book titles
- B nouns; verb tense; punctuation / capitalization: story titles
- C contractions; adjectives including articles; punctuation / capitalization: dates; combine 2 sentences
- D common-proper nouns; parts of speech; punct./cap.: addresses; combine 3 sentences
- E review of Grammar 2 A-D
- F its/it's, your/you're; compound subj. and verbs; sent. diagramming; capitalization for holidays, seasons
- G quotations; comparative and superlative form of adj.; they're-their-there; punct.: commas between 2 adj.
- H quotations; comparative and superlative form of adj.; linking vs. action verbs; sentence diagramming
- I plural nouns; interjections; to/two/too; sentence diagramming
- J review of Grammar 2 F-I
- K friendly letters; plural nouns; sentence diagramming
- L singular vs. plural possessive pronouns; punctuation / capitalization: titles; double negatives; sent. diag.
- M pronouns and possessive pronouns; irregular verbs; capitalization of languages and ethnicities
- N demonstrative and indefinite adjectives; correct pronoun; sent. diagramming
- O review of Grammar 2 K-N
- P parts of speech; dictionary skills; capitalization of businesses and structures; sentence diagramming
- Q capitalization of geographical locations; sentence diagramming; review
- R review of A-J
- S review of K-O
- T review of Grammar 2 P-S

GRAMMAR 3

- A predicate nominative; adverb: how
- B predicate nominative / adjective; adverb: how
- C tenses: past, present, future; adverb: how / when
- D helping verbs; adverbs: how / when
- E review of Grammar 3A-D
- F subject of a command; adverb: how / when / where
- G direct object; adverb: not
- H its / it's / your / you're; comparative / superlative adverbs
- I objective / subjective pronouns; adverbs: how, when, where, comparative / superlative
- J review of Grammar 3F-I
- K prepositions; prep. phrases; adjectives vs. adverb
- L prepositions; prep. phrases; subject-verb agreement
- M concrete / abstract nouns; object of the preposition
- N compound object of the preposition; sit / set & raise / rise
- O review of Grammar 3K-N
- P adverb vs. preposition; pred. nom. vs. pred. adj. vs. DO; irregular action verb
- Q adverb vs. preposition; pred. nom. vs. pred. adj. vs. DO; tenses of linking verbs
- R review of Grammar 3A-J
- S review of Grammar 3K-O
- T review of Grammar 3P-S

All booklets have diagramming, capitalization, and punctuation exercises.

GRAMMAR 4

- A prepositions; prep. phrases; compound subjects; subj. of imperative sent.; compound object of the prep.
- B compound verbs; helping verbs; prep. review; direct objects
- C action verbs; contractions; helping verbs; verb phrases; regular/irregular verbs; sit/set
- D rise/raise; lie/lay; verb tenses; subject-verb agreement; verb review
- E concrete/abstract & comm./prop. nouns; noun determiners; singular/plural nouns; possessive nouns
- F cumulative review; sentence types; conjunctions and interjections; cumulative review
- G adjectives: limiting, descriptive, and proper; degrees of adjectives
- H adverbs: how and when
- I adverbs: where, to what extent, and degrees; double negatives; adverb review
- J personal, compound, and possessive pronouns; pronouns as subjects and objects
- K pronoun antecedents; its/it's; you're/your; their/they're/there; pronouns: interrog., nominative, and obj.
- L capitalization
- M capitalization
- N punctuation
- O cumulative review
- P punctuation review; capitalization review
- Q cumulative review
- R cumulative tests
- S - Z multiple choice format: sentence structure; spelling; capitalization; punctuation

