

The TerraNova 2/CAT 6 Evaluates:

- Reading
- Word Analysis
- Vocabulary
- Language
 - Usage
 - Mechanics
 - Spelling
- Mathematics
 - Computation
 - Problem Solving and Concepts
- Science
- Social Studies

TerraNova 2/CAT 6 Stats

<p>Norm Year: 2005</p> <p>Grade Availability: K-12</p> <p>Format: Paper Booklet</p> <p>Testing Time: 2½–5 hours over 2-3 days</p> <p>Rental Period: 14 days</p> <p>Scoring Time: Within 2 weeks</p>	<p>State Restrictions: None</p>
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PRICING

<p>Complete Battery for Grades K-12: \$47.50</p> <p>Survey Battery for Grades 2-4, 6-12: \$47.50 <small>Survey Battery has about 1/3 fewer questions than the Complete Battery.</small></p> <p>Orders of 10 or more TerraNova tests get a 10% discount.</p>	<p>Price includes:</p> <ul style="list-style-type: none"> • Student test booklets • Administration directions • Answer sheets • Standard shipping to you • Scoring & Posting test reports • Mailing hard copies of test reports
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TerraNova 2/CAT 6 Norms



TerraNova 2/CAT 6 tests scored between the following dates will be scored with the following norming data.

September 1 - November 30	Fall Norms
December 1 - Last day of February	Midyear Norms
March 1 - August 31	Spring Norms

PLEASE NOTE: TerraNova tests for grade K cannot be scored for Fall Norms. For Grade 1 only Reading, Language Arts, and Math can be scored for Fall Norms.

For off-norm scoring, see our **FAQs:** setontesting.com/frequently-asked-questions/

Reading/Language Arts

- 01 Oral Comprehension** **10,11**
Demonstrate both literal and interpretive understanding of passages that are read aloud.
Use writing or other means to respond to literal and interpretive questions about passages that are read aloud.
- 02 Basic Understanding** **10–21/22**
Demonstrate understanding of the literal meaning of a passage through identifying stated information, indicating sequence of events, and defining grade-level vocabulary.
Write responses to questions requiring literal information from passages and documents.
- 03 Analyze Text** **11–21/22**
Demonstrate comprehension by drawing conclusions; inferring relationships, such as cause and effect; and identifying theme and story elements, such as plot, climax, character, and setting.
Write responses that show an understanding of the text that goes beyond surface meaning.
- 04 Evaluate and Extend Meaning** **11–21/22**
Demonstrate critical understanding by making predictions; distinguishing between fact and opinion, and reality and fantasy; transferring ideas to other situations; and judging author purpose, point of view, and effectiveness.
Write responses that make connections between texts based on common themes and concepts; evaluate author purpose and effectiveness, and extend meaning to other contexts.
- 05 Identify Reading Strategies** **11–21/22**
Demonstrate awareness of techniques that enhance comprehension, such as using existing knowledge, summarizing content, comparing information across texts, using graphics and text structure, and formulating questions that deepen understanding.
Write responses that interpret and extend the use of information from documents and forms, and that demonstrate knowledge and use of strategies.
- 06 Introduction to Print** **10–12**
Demonstrate knowledge of sound/symbol and structural relationships in letters, words, and signs.
Write responses that show knowledge of letters and words.
- 07 Sentence Structure** **11–21/22**
Demonstrate an understanding of conventions for writing complete and effective sentences, including treatment of subject and verb, punctuation, and capitalization.
Demonstrate an understanding of conciseness and clarity of meaning in combining two sentences.

Reading/Language Arts (continued)

- 08 Writing Strategies** **11–21/22**
Demonstrate knowledge of information sources, outlines, and other pre-writing techniques.
Demonstrate an understanding of the use of topic sentences, concluding sentences, connective and transitional words and phrases, supporting statements, sequencing ideas, and relevant information in writing expository prose.
- 09 Editing Skills** **11–21/22**
Identify the appropriate use of capitalization, punctuation, nouns, pronouns, verbs, adjectives, and adverbs in existing text.
Demonstrate knowledge of writing conventions and sentence structure through identifying and correcting errors in existing text and in text written by the student.

Mathematics

- 10 Number and Number Relations** **10–21/22**
Demonstrate an understanding of number, number sense, and number theory by ordering numbers, representing numbers in equivalent forms, identifying relationships, interpreting numbers in real-world situations, and applying number concepts in real-world situations.
Communicate, model, or represent an understanding of number and number relationships.
- 11 Computation and Numerical Estimation** **10–21/22**
Demonstrate proficiency in computation procedures, solve real-world computation problems, apply a variety of estimation strategies, and determine reasonableness of results.
Explain estimation strategies, compare computation techniques, and evaluate and verify solutions.
- 12 Operation Concepts** **11–21/22**
Demonstrate an understanding of the properties and relationships of operations, relate mathematical representations to problem situations, and apply operational processes to solve problems.
Communicate, model, or represent an understanding of operation concepts.
- 13 Measurement** **10–21/22**
Demonstrate an understanding of measurement systems, units, and tools by describing, calculating, or estimating size, location, and time; by using the concepts of perimeter, area, volume, capacity, weight, and mass; and by identifying appropriate degrees of accuracy.
Solve problems involving principles of measurement, rate, and scale.
Use manipulatives to explore shapes, area, and perimeter; and to model and represent measurement problems.
Describe measurement processes, compare techniques, estimate, and communicate estimation strategies.

Mathematics (continued)

- 14 Geometry and Spatial Sense** **10–21/22**
Demonstrate spatial sense and an understanding of geometry by visualizing and identifying two- and three-dimensional objects, classifying shapes, recognizing symmetry, using transformations, applying geometric formulas, and evaluating properties of geometric figures.
Use manipulative shapes to explore spatial relationships and patterns, and to model geometric problems.
- 15 Data Analysis, Statistics and Probability** **10–21/22**
Analyze, interpret, and evaluate data in various forms; and apply the concepts and processes of data analysis, statistics, and probability to real-world situations.
Represent and interpret data, model probability situations, describe trends, and evaluate or construct arguments based on data.
- 16 Patterns, Functions, Algebra** **10–21/22**
Recognize and extend patterns.
Demonstrate an understanding of functional relationships, algebraic processes, variables, and inequality.
Recognize algebraic representations of problem situations and apply algebraic methods to solve real-world problems.
Create and model patterns and functional relationships, and use algebraic representations to model problems.
- 17 Problem Solving and Reasoning** **11–21/22**
Select and apply problem-solving strategies, identify necessary information, use patterns and relationships to evaluate situations, apply inductive and deductive reasoning and spatial and proportional reasoning, and solve a variety of nonroutine, real-world problems.
Formulate problems, evaluate mathematical arguments, evaluate and generalize solutions, and justify answers and solution strategies.
- 18 Communication** **11–21/22[†]**
Relate daily vocabulary to mathematical terminology; and relate models, diagrams, and pictures to mathematical ideas.
Model problem situations, and describe and evaluate mathematical ideas and situations graphically or in writing.

Science

- 19 Science Inquiry** **11–21/22**
Demonstrate an understanding of the fundamental concepts of science inquiry. Demonstrate the ability to perform science inquiry.
Through text, diagrams, and drawings, provide explanations of investigations, analyze investigations, and communicate results.

Science (continued)

- 20 Physical Science** **11–21/22**
Demonstrate an understanding of the fundamental concepts and principles of physical science. Apply physical science knowledge to investigations and real-world contexts.
Through text, diagrams, and drawings, provide explanations of physical science concepts and principles.
- 21 Life Science** **11–21/22**
Demonstrate an understanding of the fundamental concepts and principles of life science. Apply life science knowledge to investigations and real-world contexts.
Through text, diagrams, and drawings, provide explanations of life science concepts and principles.
- 22 Earth and Space Science** **11–21/22**
Demonstrate an understanding of the fundamental concepts and principles of Earth and space science. Apply Earth and space science knowledge to investigations and real-world contexts.
Through text, diagrams, and drawings, provide explanations of Earth and space science concepts and principles.
- 23 Science and Technology** **11–21/22**
Demonstrate an understanding of technological design. Demonstrate an understanding of how technology and science interact and affect one another.
Through text, diagrams, and drawings, provide explanations of technological design and science and technology issues.
- 24 Personal and Social Perspectives in Science** **11–21/22**
Demonstrate an understanding of the fundamental concepts and principles of science that have a direct impact on personal and social issues, such as personal health, populations, resources, environment, and technology.
Through text, diagrams, and drawings, provide explanations of science concepts and principles that directly affect people and society.
- 25 History and Nature of Science** **13–21/22[†]**
Demonstrate an understanding of science as a human endeavor, the nature of scientific knowledge, and the history of science.

Social Studies

- 26 Geographic Perspectives** **11–21/22**
Demonstrate an understanding of concepts and process skills related to the study of the world's people, places, and environments, and their interactions over time.
Construct answers, use geographic tools, and create solutions or products using inquiry skills and knowledge related to geographic perspectives.
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Social Studies (continued)

- 27 Historical and Cultural Perspectives** 11–21/22
Demonstrate an understanding of concepts and process skills related to the study of time, continuity, and societal change throughout history.
Demonstrate an understanding of concepts and process skills related to the study of the contributions, influences, and interactions of various cultures.
Construct answers and create solutions or products, using inquiry skills and knowledge related to historical and cultural perspectives.
- 28 Civics and Government Perspectives** 11–21/22
Demonstrate an understanding of concepts and process skills related to the study of civic responsibilities and the structures and functions of government.
Construct answers, and create solutions or products using inquiry skills and knowledge related to the role of today's citizens and the structures and functions of government.
- 29 Economic Perspectives** 11–21/22
Demonstrate an understanding of concepts and process skills related to the study of the production, distribution, and consumption of goods and services at local, regional, and global levels.
Construct answers and create solutions or products, using inquiry skills and knowledge related to economic perspectives.

Supplemental Tests

Word Analysis

- 30 Consonants/Singles, Blends, Digraphs** 11–13
Recognize initial or final single consonant sounds, consonant blends, or digraphs.
- 31 Sight Words** 11
Identify sight words in sentences presented orally.
- 32 Vowels** 11–13
Recognize short, long, and variant vowel sounds in words.
- 33 Contractions and Compounds** 12, 13
Identify the meaning of contractions.
Recognize compound words or their components.
- 34 Roots and Affixes** 12, 13
Identify word roots or affixes.

Vocabulary

- | | | |
|-----------|---|-----------------|
| 35 | Word Meaning
Demonstrate an understanding of word meanings and relationships. | 11–21/22 |
| 36 | Multimeaning Words
Identify multimeaning words by inferring words missing from sentences. | 12–21/22 |
| 37 | Words in Context
Use context to infer words missing from passages. | 11–21/22 |

Language Mechanics

- | | | |
|-----------|--|-----------------|
| 38 | Sentences, Phrases, Clauses
Identify the appropriate use of capitalization and punctuation in sentences, phrases, and clauses; and with quotations and dialogue. | 12–21/22 |
| 39 | Writing Conventions
Identify the appropriate use of capitalization and punctuation with proper nouns, titles, contractions, possessive nouns, and pronouns. | 12–21/22 |

Spelling

- | | | |
|-----------|---|-----------------|
| 40 | Vowels
Identify the correct spelling of vowel sounds in words presented in sentences and phrases. | 12–21/22 |
| 41 | Consonants
Identify the correct spelling of consonant sounds in words presented in sentences and phrases. | 12–21/22 |
| 42 | Structural Units
Identify the correct spelling of structural units in words presented in sentences and phrases. | 12–21/22 |

Mathematics Computation

- | | | |
|-----------|--|-----------------|
| 43 | Add Whole Numbers
Add whole numbers. | 11–16 |
| 44 | Subtract Whole Numbers
Subtract whole numbers. | 11–15 |
| 45 | Multiply Whole Numbers
Multiply whole numbers. | 12–16 |
| 46 | Divide Whole Numbers
Divide whole numbers. | 13–16 |
| 47 | Decimals
Add, subtract, multiply, and divide decimals. | 13–20 |
| 48 | Fractions
Add, subtract, multiply, and divide fractions. | 14–21/22 |

Social Studies (continued)

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| 43 | Add Whole Numbers
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| 46 | Divide Whole Numbers
Divide whole numbers. | 13–16 |
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| 48 | Fractions
Add, subtract, multiply, and divide fractions. | 14–21/22 |

Mathematics Computation (continued)

49	Integers Add, subtract, multiply, and divide integers.	17-21/22
50	Percents Solve computational problems involving percents.	16-21/22
51	Order of Operations Solve computational problems involving the standard order of operations.	16-21/22
52	Algebraic Operations Solve computational problems involving exponents, roots, absolute value, and algebraic expressions and equations.	18-21/22



Seton Testing Services

TerraNova/Cat 6 Complete Battery with Plus Tests, Form C Content and Timing

Grades	K		1		2		3		4-8		9-12	
Subjects Tested	Number of Items	Working Time	Number of Items	Working Time	Number of Items	Working Time	Number of Items	Working Time	Number of Items	Working Time	Number of Items	Working Time
	Reading & Language Arts Part 1 & 2	40	55	45	1:00	60	1:15	70	1:30	80	1:40	80
Math Part 1 & 2	30	40	47	1:00	47	1:00	50	1:00	56-57	1:10	46	1:10
Basic Core Complete Battery Totals	70	1:35	92	2:00	107	2:15	120	2:30	136-137	2:50	126	2:50
Science			20	20	25	25	35	35	40	40	40	40
Social Studies			20	20	25	25	35	35	40	40	40	40
Word Analysis			20	15	20	15	20	15				
Vocabulary			20	15	20	15	20	15	20	15	20	15
Language Mechanics					20	15	20	15	20	15	20	15
Spelling					20	15	20	15	20	15	20	15
Math Comp.			20	20	20	20	20	20	20	20	20	20
Complete Battery with Plus Test			192	3:30	257	4:25	290	5:00	296-297	5:15	286	5:15



Content and Timing

Grades	2		3		4 and 6-8		9-12	
Subjects Tested	Number of Items	Working Time	Number of Items	Working Time	Number of Items	Working Time	Number of Items	Working Time
Reading & Language Arts	45	1:00	50	1:05	60	1:20	60	1:20
Math	26	35	30	40	31-32	40	25	40
Basic Core Survey Battery Totals	71	1:35	80	1:45	91-92	2:00	85	2:00
Science	20	20	20	20	25	25	25	25
Social Studies	20	20	20	20	25	25	25	25
Word Analysis	20	15	20	15				
Vocabulary	20	15	20	15	20	15	20	15
Language Mechanics	20	15	20	15	20	15	20	15
Spelling	20	15	20	15	20	15	20	15
Math Computation	20	20	20	20	20	20	20	20
Survey Battery with Plus Totals	211	3:35	220	3:45	221-222	3:55	215	3:55

EMILY HIBL
7 RICHMOND ROAD
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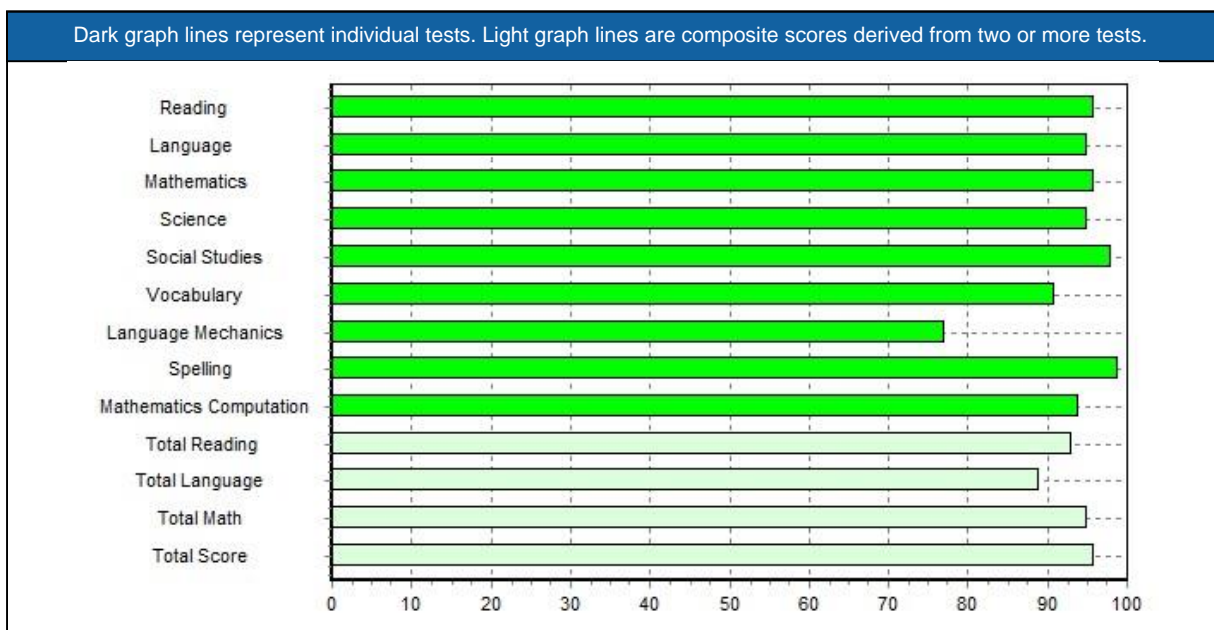
Student: Smith, Sarah
Grade: 4
Test Date: 03/21/13

Student Diagnostic Profile

TerraNova 2 (CAT 6), 2nd Edition

Level 14 Form C Spring 2005 Norms

Test Name	RS	Total	SS	GE	NPR	NS	Performance Level
Reading	47	50	700	11.6	96	9	Highest Level
Language	28	30	699	12.3	95	8	High Level
Mathematics	55	57	704	10.5	96	9	Highest Level
Science	36	40	706	11.3	95	8	High Level
Social Studies	39	40	718	13.0	98	9	Highest Level
Vocabulary	18	20	686	10.4	91	8	High Level
Language Mechanics	16	20	660	7.3	77	6	Slightly Above Average
Spelling	20	20	770	13.0	99	9	Highest Level
Mathematics Computation	19	20	673	7.9	94	8	High Level
Total Reading			693	11.1	93	8	High Level
Total Language			680	10.5	89	7	Well Above Average
Total Math			689	8.7	95	8	High Level
Total Score			701	11.5	96	9	Highest Level



For Seton Testing Kenneth B. Clark
 Kenneth B. Clark, M.Ed.

Explanation of Scoring Terms

Raw Score - RS

The number of questions a student answers correctly on a test is the student's raw score (RS). Because raw scores depend on the number of questions on a test and the difficulty associated with those questions, raw scores are converted to other types of scores for interpretation.

Total - TI

Total number of items in the test subset.

Scale Score or Standard Score - SS

Raw scores are converted to scale scores/standard scores. The scale score/standard score (SS) is another score used to describe the level of a student's test performance on an achievement continuum. Think of the continuum as a number line that describes the lowest level of skill or knowledge on one end and the highest level of development on the other end. Scale scores range from 0 to 999. The SS correspond to typical grade level performance on each test at certain times of the year.

Grade Equivalent - GE *

A grade equivalent score (GE) is also a number that describes the student's location on an achievement continuum. The GE is expressed as a decimal number that shows performance in terms of a grade level and months of the school year. For example, if Janice, a 3rd grade student obtained a GE of a 4.4 on the Reading Comprehension test, she scored at the same level as a typical student at the end of the 4th month of the 4th grade. GEs are useful for monitoring year-to-year growth.

National Percentile Rank - NPR

A national percentile rank (NPR) shows a student's standing within a nationally representative group of students in the same grade who were tested at the same time of year as the student. NPRs are based on national standardization. This is the testing of a large group of students in each grade at a set of schools that are representative of the nation in terms of enrollment size, geographic region and other characteristics. A percentile rank of 58 means that the student scored as well or better than 58 percent of the other children in the same grade in the norming sample.

National Stanine - NS

Stanine is a simpler way to say "standard nine" It is a system that divides test results into 9 groups. Scores in groups 1-3 are below average, scores in groups 4-6 are average and scores in groups 7-9 are above average. They can also be shown as groupings of certain percentile ranks as shown below. They do not represent the percentage of test items the student answered correctly.

Percentile Ranks:	1-4	5-10	11-22	23-40	41-59	60-77	78-89	90-95	96-99
CAT Stanines	1	2	3	4	5	6	7	8	9

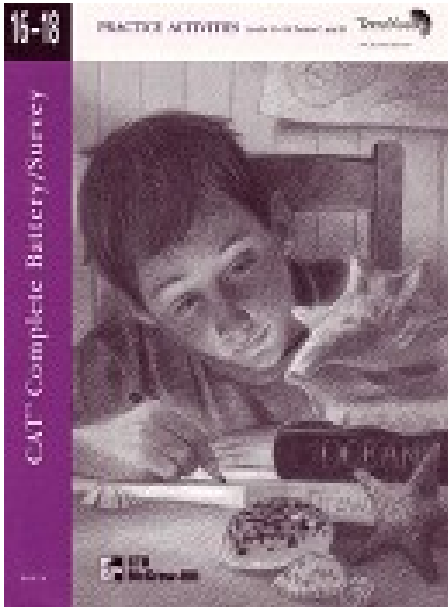
&

TerraNova Stanines

Percentile Ranks:	1-4	5-11	12-23	24-40	41-59	60-76	77-88	89-95	96-99
IOWA Stanines:	1	2	3	4	5	6	7	8	9

* Only included with the IOWA and TerraNova Test Scores

TerraNova 2/CAT 6 Practice Tests (Grades K-8)



These short practice tests (6-8 pages), published by the TerraNova 2/CAT 6 publisher, will give students an idea of what to expect on test day and increase their confidence in taking the test. A few practice questions (about 2-5) are given in each of the subject areas, the answers to which are provided in the Practice Test Directions for Administration booklet. Directions for Administration read like a script. Students mark their answers in bubbles like on an actual test. Practice Tests are untimed but can be completed in 40 minutes.

For the most effective use, the Practice Test should be administered one to two days before the test date.

TerraNova/CAT 6 Practice tests may be administered by anyone.

These practice tests are especially recommended for students testing for the first time. They are also good for when students transition from marking answers in the booklets to filling out a separate answer document (starting with the TerraNova/CAT 6 Level 14 (Grade 4)).

Practice tests are available in kits or as individual student practice tests.

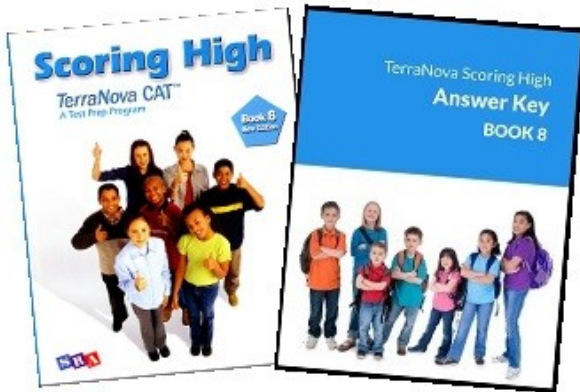
On our website: setontesting.com/terranova-2-practice-tests/

TerraNova 2/CAT 6 Practice Test Kit (1 Administration Booklet with Answer Key & 1 Student Test Booklet) \$16.50

TerraNova 2/CAT 6 Practice Test (1 Student Booklet Only – NO ADMINISTRATION BOOKLET/NO ANSWER KEY) \$4.50

Student Practice tests for GRADES K, 1, & 2 (Levels 10-12) CANNOT be administered without using the Administration Booklet.

Scoring High on the TerraNova/CAT (Grades 2-8)



This practice test program is one of the most comprehensive available for the TerraNova/CAT 6.

Available in two options and two prices from Seton.

Both options include the Student Edition Workbook of approximately 150 pages which includes these features and opportunities:

- Practice questions in Reading, Language, Word Analysis, Spelling, Language Mechanics, Vocabulary, Mathematics, and Science
- Familiarizes the student with the test format
- Expanded practice opportunities

2 Formats – 2 Prices

1. **The Student Edition Workbook Only.** Included is the Student Edition Workbook from the Kit. There is no Teacher Edition and no Answer Key provided with this purchase. Currently available in grades 2-8. **Price \$19.00**

*PLEASE NOTE: Do not order **only** the *Student Edition Workbook* for grade 2. The *Answer Key* (option 2) is needed for use with the *Student Edition Workbook* for grade 2. However, you may purchase the student book separately if extra copies are needed.

2. **The Student Edition Workbook and Answer Key.** Included is the Student Edition Workbook from the Kit and an Answer Key for the parent or teacher. Currently available in grades 2-8. **Price \$26.00.**

On our website: setontesting.com/scoring-high-on-the-terranoecat/