

Untalan Middle School Grade 7 Item Analysis

SUBTEST: Vocabulary

| Description | Item # | Local | National | Difference |
|--|--------|-------|----------|------------|
| Use context clues to assign meaning to an unknown word | 25 | 0.26 | 0.61 | -0.35 |
| Recognize a synonym for a word used in context | 5 | 0.51 | 0.72 | -0.21 |
| Recognize a synonym for a word used in context | 7 | 0.3 | 0.48 | -0.18 |
| Recognize a synonym for a word used in context | 9 | 0.3 | 0.48 | -0.18 |
| Recognize a synonym for a word used in context | 11 | 0.6 | 0.77 | -0.17 |
| Use context clues to assign meaning to an unknown word | 22 | 0.6 | 0.74 | -0.14 |
| Recognize a synonym for a word used in context | 12 | 0.36 | 0.49 | -0.13 |
| Recognize a synonym for a word used in context | 8 | 0.44 | 0.57 | -0.13 |
| Determine the meaning of a given word with multiple meanings | 17 | 0.69 | 0.8 | -0.11 |
| Determine the meaning of a given word with multiple meanings | 21 | 0.54 | 0.65 | -0.11 |
| Use context clues to assign meaning to an unknown word | 27 | 0.66 | 0.77 | -0.11 |
| Determine the meaning of a given word with multiple meanings | 20 | 0.7 | 0.8 | -0.1 |
| Recognize a synonym for a word used in context | 10 | 0.53 | 0.63 | -0.1 |
| Use context clues to assign meaning to an unknown word | 26 | 0.52 | 0.61 | -0.09 |
| Recognize a synonym for a word used in context | 3 | 0.41 | 0.49 | -0.08 |
| Use context clues to assign meaning to an unknown word | 24 | 0.5 | 0.58 | -0.08 |
| Use context clues to assign meaning to an unknown word | 30 | 0.62 | 0.7 | -0.08 |
| Use context clues to assign meaning to an unknown word | 29 | 0.43 | 0.5 | -0.07 |
| Recognize a synonym for a word used in context | 1 | 0.76 | 0.82 | -0.06 |
| Determine the meaning of a given word with multiple meanings | 16 | 0.76 | 0.8 | -0.04 |
| Use context clues to assign meaning to an unknown word | 28 | 0.62 | 0.66 | -0.04 |
| Determine the meaning of a given word with multiple meanings | 18 | 0.48 | 0.51 | -0.03 |
| Use context clues to assign meaning to an unknown word | 23 | 0.64 | 0.67 | -0.03 |
| Recognize a synonym for a word used in context | 6 | 0.54 | 0.57 | -0.03 |
| Determine the meaning of a given word with multiple meanings | 19 | 0.68 | 0.71 | -0.03 |
| Recognize a synonym for a word used in context | 4 | 0.78 | 0.79 | -0.01 |
| Determine the meaning of a given word with multiple meanings | 15 | 0.61 | 0.62 | -0.01 |
| Determine the meaning of a given word with multiple meanings | 14 | 0.83 | 0.81 | 0.02 |
| Determine the meaning of a given word with multiple meanings | 13 | 0.82 | 0.77 | 0.05 |
| Recognize a synonym for a word used in context | 2 | 0.95 | 0.74 | 0.21 |

SUBTEST: Comprehension

| Description | Item # | Local | National | Difference |
|---|---------------|--------------|-----------------|-------------------|
| Distinguish fact from opinion | 11 | 0.38 | 0.65 | -0.27 |
| Discern author's voice | 23 | 0.38 | 0.65 | -0.27 |
| Analyze characteristics of genre | 27 | 0.38 | 0.65 | -0.27 |
| Determine implicit details, plots, sequences or actions | 28 | 0.26 | 0.5 | -0.24 |
| Evaluate sufficient or consistency of information | 29 | 0.29 | 0.52 | -0.23 |
| Categorize, classify, compare, contrast details from text | 20 | 0.43 | 0.65 | -0.22 |
| Determine if needed information is within the text | 21 | 0.35 | 0.56 | -0.21 |
| Make predictions based on text | 25 | 0.49 | 0.7 | -0.21 |
| Determine implicit details, plots, sequences or actions | 30 | 0.58 | 0.76 | -0.18 |
| Determine unknown words from context | 5 | 0.49 | 0.66 | -0.17 |
| Interpret figurative language | 41 | 0.3 | 0.47 | -0.17 |
| Determine character traits, behavior and motivation | 3 | 0.33 | 0.49 | -0.16 |
| Select an appropriate reading strategy in a given situation | 8 | 0.62 | 0.76 | -0.14 |
| Draw conclusions based on text | 26 | 0.52 | 0.66 | -0.14 |
| Determine explicit supporting details | 47 | 0.37 | 0.51 | -0.14 |
| Generalize beyond the text | 34 | 0.55 | 0.69 | -0.14 |
| Determine explicit supporting details | 46 | 0.32 | 0.45 | -0.13 |
| Determine explicit supporting details | 52 | 0.36 | 0.49 | -0.13 |
| Ask clarifying questions | 36 | 0.28 | 0.41 | -0.13 |
| Discern literary devices | 4 | 0.28 | 0.4 | -0.12 |
| Select an appropriate reading strategy in a given situation | 12 | 0.47 | 0.59 | -0.12 |
| Determine explicit supporting details | 33 | 0.59 | 0.71 | -0.12 |
| Draw conclusions from details in text | 50 | 0.28 | 0.39 | -0.11 |
| Analyze text structure | 16 | 0.46 | 0.56 | -0.1 |
| Select an appropriate reading strategy in a given situation | 49 | 0.43 | 0.53 | -0.1 |
| Determine explicit cause or explanation of events | 15 | 0.64 | 0.74 | -0.1 |
| Determine the sequence and action in text | 32 | 0.51 | 0.61 | -0.1 |
| Determine explicit causes for events | 39 | 0.61 | 0.71 | -0.1 |
| Distinguish important from less important ideas | 42 | 0.37 | 0.47 | -0.1 |
| Analyze characteristics of genre | 54 | 0.22 | 0.31 | -0.09 |
| Draw conclusions from details | 22 | 0.6 | 0.69 | -0.09 |
| Provide support for conclusions | 35 | 0.5 | 0.59 | -0.09 |
| Discern author's voice | 51 | 0.26 | 0.35 | -0.09 |
| Determine explicit cause of events | 2 | 0.72 | 0.8 | -0.08 |
| Analyze characteristics of genre | 24 | 0.7 | 0.78 | -0.08 |
| Analyze text structure | 7 | 0.68 | 0.76 | -0.08 |
| Apply ideas and information to new situations | 10 | 0.51 | 0.59 | -0.08 |
| Evaluate sufficiency of information | 17 | 0.63 | 0.71 | -0.08 |
| Determine explicit cause or explanation of events | 37 | 0.64 | 0.72 | -0.08 |
| Extract implied main idea or theme | 13 | 0.44 | 0.51 | -0.07 |
| Draw conclusions based on text | 43 | 0.37 | 0.44 | -0.07 |
| Determine implicit details, action, and sequence | 44 | 0.33 | 0.4 | -0.07 |
| Interpret figurative language | 6 | 0.77 | 0.84 | -0.07 |
| Determine explicit supporting details | 14 | 0.69 | 0.75 | -0.06 |
| Determine explicit cause or explanation of events | 31 | 0.61 | 0.67 | -0.06 |

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|---|----|------|------|-------|
| Determine information is within the text | 53 | 0.34 | 0.4 | -0.06 |
| Discern literary devices | 19 | 0.8 | 0.84 | -0.04 |
| Extract implied main idea or theme | 40 | 0.36 | 0.39 | -0.03 |
| Determine implicit details, plots, sequences or actions | 38 | 0.44 | 0.47 | -0.03 |
| Determine if information is within the text | 45 | 0.45 | 0.48 | -0.03 |
| Select an appropriate reading strategy in a given situation | 18 | 0.69 | 0.71 | -0.02 |
| Generalize beyond the text | 9 | 0.46 | 0.46 | 0 |
| Determine explicit sequence of events and actions | 1 | 0.89 | 0.88 | 0.01 |
| Form hypothesis from ideas in text | 48 | 0.28 | 0.21 | 0.07 |

SUBTEST: Math Problem Solving

| Description | Item # | Local | National | Difference |
|--|---------------|--------------|-----------------|-------------------|
| Identify alternative representatives of real numbers | 9 | 0.22 | 0.46 | -0.24 |
| Determine measurements indirectly from scale drawings | 46 | 0.28 | 0.49 | -0.21 |
| Compare and order real numbers | 7 | 0.21 | 0.4 | -0.19 |
| Find the probability of a simple or compound event | 35 | 0.21 | 0.39 | -0.18 |
| Solve problems using appropriate strategies | 13 | 0.32 | 0.5 | -0.18 |
| Read and interpret tables and graphs | 32 | 0.4 | 0.58 | -0.18 |
| Determine and use measures of central tendency and dispersion | 30 | 0.26 | 0.43 | -0.17 |
| Solve problems using estimation strategies | 10 | 0.24 | 0.4 | -0.16 |
| Determine combinations and permutations | 34 | 0.3 | 0.46 | -0.16 |
| Classify angles | 40 | 0.48 | 0.63 | -0.15 |
| Identify parallel and perpendicular lines | 41 | 0.42 | 0.56 | -0.14 |
| Translate problem situations into algebraic expressions and inequalities | 25 | 0.29 | 0.43 | -0.14 |
| Identify the radius, diameter, or chord of a given circle | 37 | 0.51 | 0.65 | -0.14 |
| Identify alternative representatives of real numbers | 2 | 0.42 | 0.55 | -0.13 |
| Compare and order real numbers | 4 | 0.38 | 0.51 | -0.13 |
| Solve problems using estimation strategies | 16 | 0.31 | 0.44 | -0.13 |
| Identify and use field properties of addition and multiplication | 18 | 0.51 | 0.64 | -0.13 |
| Evaluate expressions | 26 | 0.51 | 0.64 | -0.13 |
| Solve problems using spatial reasoning | 39 | 0.53 | 0.66 | -0.13 |
| Solve problems using spatial reasoning | 42 | 0.6 | 0.73 | -0.13 |
| Solve problems involving perimeter, circumference, area, or volume | 47 | 0.36 | 0.49 | -0.13 |
| Identify linear function equations given tables of values/points/graphs | 27 | 0.22 | 0.35 | -0.13 |
| Solve problems using estimation strategies | 15 | 0.43 | 0.55 | -0.12 |
| Solve problems using non-routine strategies | 17 | 0.17 | 0.28 | -0.11 |
| Solve problems using appropriate strategies | 11 | 0.49 | 0.6 | -0.11 |
| Identify and use order of operation rules | 12 | 0.55 | 0.66 | -0.11 |
| Solve problems using properties of geometric figures | 38 | 0.36 | 0.47 | -0.11 |
| Convert between units of measurement | 43 | 0.31 | 0.42 | -0.11 |
| Solve problems using numerical reasoning | 6 | 0.56 | 0.66 | -0.1 |

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|--|----|------|------|-------|
| Round decimal numbers to a specified place value | 1 | 0.52 | 0.61 | -0.09 |
| Solve problems involving perimeter, circumference, area or volume | 48 | 0.26 | 0.35 | -0.09 |
| Translate between visual representations, sentences, & symbolic notation | 14 | 0.18 | 0.26 | -0.08 |
| Compare and order real numbers | 8 | 0.37 | 0.44 | -0.07 |
| Solve problems involving patterns | 19 | 0.35 | 0.42 | -0.07 |
| Determine domain or range values for linear functions | 24 | 0.65 | 0.72 | -0.07 |
| Find the probability of a simple or compound event | 36 | 0.21 | 0.27 | -0.06 |
| Solve algebraic equations | 22 | 0.51 | 0.57 | -0.06 |
| Identify least common mult.or greatest common factor of a set of no.s | 5 | 0.42 | 0.47 | -0.05 |
| Solve problems involving ratio or proportion | 21 | 0.32 | 0.37 | -0.05 |
| Identify graphs of inequalities | 23 | 0.37 | 0.42 | -0.05 |
| Determine and use measures of central tendence and dispersion | 29 | 0.3 | 0.34 | -0.04 |
| Read and interpret tables and graphs | 31 | 0.19 | 0.23 | -0.04 |
| Solve problems involving perimeter, circumference, area, or volume | 44 | 0.26 | 0.3 | -0.04 |
| Read and interpret tables and graphs | 28 | 0.15 | 0.18 | -0.03 |
| Identify numbers expressed in scientific notation | 3 | 0.42 | 0.43 | -0.01 |
| Solve problems involving patterns | 20 | 0.38 | 0.38 | 0 |
| Identify possible outcomes | 33 | 0.34 | 0.31 | 0.03 |
| Identify appropriate units of measurement | 45 | 0.58 | 0.51 | 0.07 |

SUBTEST: Math Procedures

| Description | Item # | Local | National | Difference |
|--|---------------|--------------|-----------------|-------------------|
| Subtraction of fractions | 5 | 0.36 | 0.59 | -0.23 |
| Addition of fractions | 1 | 0.31 | 0.52 | -0.21 |
| Addition of fractions in context | 19 | 0.28 | 0.49 | -0.21 |
| Addition of fractions | 2 | 0.46 | 0.65 | -0.19 |
| Subtraction of fractions in context | 18 | 0.28 | 0.45 | -0.17 |
| Multiplication of fractions in context | 32 | 0.31 | 0.46 | -0.15 |
| Division of fractions in context | 26 | 0.22 | 0.37 | -0.15 |
| Subtraction of decimal numbers in context | 28 | 0.33 | 0.48 | -0.15 |
| Division of fractions | 14 | 0.31 | 0.45 | -0.14 |
| Division of whole numbers in context | 22 | 0.47 | 0.61 | -0.14 |
| Multitplication of fractions | 11 | 0.25 | 0.38 | -0.13 |
| Subtraction of fractions | 6 | 0.31 | 0.43 | -0.12 |
| Multiplication of decimal numbers | 12 | 0.28 | 0.4 | -0.12 |
| Division of fractions in context | 29 | 0.19 | 0.31 | -0.12 |
| Addition of integers | 3 | 0.44 | 0.55 | -0.11 |
| Division of decimal numbers | 13 | 0.26 | 0.37 | -0.11 |
| Division of fractions | 15 | 0.34 | 0.45 | -0.11 |
| Multiplication of fractions | 10 | 0.4 | 0.5 | -0.1 |
| Addition of decimal numbers in context | 27 | 0.41 | 0.50 | -0.09 |
| Addition of decimal numbers in context | 17 | 0.54 | 0.63 | -0.09 |
| Multiplication of whole numbers in context | 21 | 0.57 | 0.65 | -0.08 |
| Division of decimal numbers in context | 23 | 0.38 | 0.46 | -0.08 |
| Division of integers | 16 | 0.51 | 0.58 | -0.07 |
| Subtraction of whole numbers in context | 20 | 0.62 | 0.69 | -0.07 |
| Addition of whole numbers in context | 30 | 0.33 | 0.39 | -0.06 |

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| Multiplication of decimal numbers | 8 | 0.51 | 0.56 | -0.05 |
| Divison of decimal numbers in context | 25 | 0.41 | 0.46 | -0.05 |
| Subtraction of integers | 7 | 0.22 | 0.25 | -0.03 |
| Multiplication of fractions in context | 24 | 0.27 | 0.30 | -0.03 |
| Multiplication of decimal numbers in context | 31 | 0.5 | 0.51 | -0.01 |
| Multiplication of integers | 9 | 0.67 | 0.66 | 0.01 |
| Subtraction of decimal numbers | 4 | 0.83 | 0.81 | 0.02 |

SUBTEST: Total Language

| <u>Description</u> | <u>Item #</u> | <u>Local</u> | <u>National</u> | <u>Difference</u> |
|--|---------------|--------------|-----------------|-------------------|
| Distinguish between clearly written sentences and errors | 23 | 0.31 | 0.44 | -0.13 |
| Discern purpose for writing | 4 | 0.6 | 0.72 | -0.12 |
| Distinguish between clearly written sentences and errors | 37 | 0.56 | 0.67 | -0.11 |
| Identify correctly applied grammar | 43 | 0.48 | 0.59 | -0.11 |
| Detemrine appropriate linking word | 22 | 0.54 | 0.63 | -0.09 |
| Identify precise language | 6 | 0.25 | 0.33 | -0.08 |
| Distinguish between clearly written sentences and errors | 26 | 0.37 | 0.45 | -0.08 |
| Identify correctly applied grammar | 31 | 0.43 | 0.51 | -0.08 |
| Determine appropriate topic sentence | 40 | 0.37 | 0.45 | -0.08 |
| Determine topic relevance | 33 | 0.33 | 0.41 | -0.08 |
| Distinguish between clearly written sentences and errors | 41 | 0.5 | 0.58 | -0.08 |
| Identify the correct use of general reference materials | 2 | 0.69 | 0.76 | -0.07 |
| Determine topic relevance | 3 | 0.75 | 0.82 | -0.07 |
| Distinguish correct punctuation | 27 | 0.35 | 0.41 | -0.06 |
| Identify correctly and effectively written sentences | 39 | 0.46 | 0.52 | -0.06 |
| Distinguish correct punctuation | 48 | 0.32 | 0.38 | -0.06 |
| Distinguish correct punctuation | 30 | 0.51 | 0.57 | -0.06 |
| Disinguish correct capitalization | 32 | 0.52 | 0.57 | -0.05 |
| Organize information | 17 | 0.57 | 0.61 | -0.04 |
| Determine an appropriate supporting sentence | 7 | 0.32 | 0.36 | -0.04 |
| Identify the correct use of general reference materials | 20 | 0.37 | 0.41 | -0.04 |
| Determine appropriate topic sentence | 24 | 0.39 | 0.43 | -0.04 |
| Identify correctly applied grammar | 28 | 0.43 | 0.47 | -0.04 |
| Distinguish between clearly written sentences and errors | 5 | 0.41 | 0.44 | -0.03 |
| Distinguish correct capitalization | 11 | 0.53 | 0.56 | -0.03 |
| Use parts of a book to locate information | 19 | 0.37 | 0.40 | -0.03 |
| Organize information | 34 | 0.56 | 0.59 | -0.03 |
| Distinguish between clearly written sentences and errors | 8 | 0.44 | 0.46 | -0.02 |
| Identify correctly and effectively written sentences | 9 | 0.63 | 0.65 | -0.02 |
| Identfy correctly applied grammar | 14 | 0.48 | 0.50 | -0.02 |
| Determine topic relevance | 18 | 0.46 | 0.48 | -0.02 |
| Distinguish between clearly written sentences and errors | 25 | 0.46 | 0.48 | -0.02 |
| Determine appropriate topic sentence | 10 | 0.56 | 0.58 | -0.02 |
| Identify precise language | 42 | 0.32 | 0.33 | -0.01 |
| Distinguish correct punctuation | 44 | 0.56 | 0.57 | -0.01 |

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|--|----|------|------|------|
| Distinguish correct punctuation | 16 | 0.65 | 0.65 | 0 |
| Determine appropriate topic sentence | 21 | 0.4 | 0.40 | 0 |
| Identify correctly applied grammar | 46 | 0.34 | 0.34 | 0 |
| Identify correctly applied grammar | 29 | 0.49 | 0.48 | 0.01 |
| Distinguish correct punctuation | 45 | 0.64 | 0.63 | 0.01 |
| Identify correctly applied grammar | 13 | 0.25 | 0.23 | 0.02 |
| Distinguish between clearly written sentences and errors | 38 | 0.34 | 0.32 | 0.02 |
| Distinguish correct capitalization | 47 | 0.58 | 0.55 | 0.03 |
| Interpret dictionary entries | 36 | 0.46 | 0.42 | 0.04 |
| Use parts of a book to locate information | 1 | 0.31 | 0.25 | 0.06 |
| Interpret dictionary entries | 35 | 0.55 | 0.48 | 0.07 |
| Distinguish correct punctuation | 12 | 0.7 | 0.59 | 0.11 |
| Identify correctly applied grammar | 15 | 0.42 | 0.30 | 0.12 |

SUBTEST: Pre-Writing

| Description | Item # | Local | National | Difference |
|---|---------------|--------------|-----------------|-------------------|
| Discern purpose for writing | 4 | 0.6 | 0.72 | -0.12 |
| Determine topic relevance | 33 | 0.33 | 0.41 | -0.08 |
| Identify the correct use of general reference materials | 2 | 0.69 | 0.76 | -0.07 |
| Determine topic relevance | 3 | 0.75 | 0.82 | -0.07 |
| Organize information | 17 | 0.57 | 0.61 | -0.04 |
| Identify the correct use of general reference materials | 20 | 0.37 | 0.41 | -0.04 |
| Use parts of a book to locate information | 19 | 0.37 | 0.40 | -0.03 |
| Organize information | 34 | 0.56 | 0.59 | -0.03 |
| Determine topic relevance | 18 | 0.46 | 0.48 | -0.02 |
| Interpret dictionary entries | 36 | 0.46 | 0.42 | 0.04 |
| Use parts of a book to locate information | 1 | 0.31 | 0.25 | 0.06 |
| Interpret dictionary entries | 35 | 0.55 | 0.48 | 0.07 |

SUBTEST: Composing

| Description | Item # | Local | National | Difference |
|--|---------------|--------------|-----------------|-------------------|
| Distinguish between clearly written sentences and errors | 23 | 0.31 | 0.44 | -0.13 |
| Distinguish between clearly written sentences and errors | 37 | 0.56 | 0.67 | -0.11 |
| Determine appropriate linking word | 22 | 0.54 | 0.63 | -0.09 |
| Identify precise language | 6 | 0.25 | 0.33 | -0.08 |
| Distinguish between clearly written sentences and errors | 26 | 0.37 | 0.45 | -0.08 |
| Determine appropriate topic sentence | 40 | 0.37 | 0.45 | -0.08 |
| Distinguish between clearly written sentences and errors | 41 | 0.5 | 0.58 | -0.08 |
| Identify correctly and effectively written sentences | 39 | 0.46 | 0.52 | -0.06 |
| Determine the appropriate supporting sentence | 7 | 0.32 | 0.36 | -0.04 |
| Determine appropriate topic sentence | 24 | 0.39 | 0.43 | -0.04 |
| Distinguish between clearly written sentences and errors | 5 | 0.41 | 0.44 | -0.03 |
| Distinguish between clearly written sentences and errors | 8 | 0.44 | 0.46 | -0.02 |
| Identify correctly and effectively written sentences | 9 | 0.63 | 0.65 | -0.02 |

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|--|----|------|------|-------|
| Distinguish between clearly written sentences and errors | 25 | 0.46 | 0.48 | -0.02 |
| Determine appropriate topic sentence | 10 | 0.56 | 0.58 | -0.02 |
| Identify precise language | 42 | 0.32 | 0.33 | -0.01 |
| Determine appropriate topic sentence | 21 | 0.4 | 0.40 | 0 |
| Distinguish between clearly written sentences and errors | 38 | 0.34 | 0.32 | 0.02 |

SUBTEST: Editing

| Description | Item # | Local | National | Difference |
|------------------------------------|--------|-------|----------|------------|
| Identify correctly applied grammar | 43 | 0.48 | 0.59 | -0.11 |
| Identify correctly applied grammar | 31 | 0.43 | 0.51 | -0.08 |
| Distinguish correct punctuation | 27 | 0.35 | 0.41 | -0.06 |
| Distinguish correct punctuation | 48 | 0.32 | 0.38 | -0.06 |
| Distinguish correct punctuation | 30 | 0.51 | 0.57 | -0.06 |
| Distinguish correct capitalization | 32 | 0.52 | 0.57 | -0.05 |
| Identify correctly applied grammar | 28 | 0.43 | 0.47 | -0.04 |
| Identify precise language | 11 | 0.53 | 0.56 | -0.03 |
| Identify correctly applied grammar | 14 | 0.48 | 0.50 | -0.02 |
| Distinguish correct punctuation | 44 | 0.56 | 0.57 | -0.01 |
| Distinguish correct punctuation | 16 | 0.65 | 0.65 | 0 |
| Identify correctly applied grammar | 46 | 0.34 | 0.34 | 0 |
| Identify correctly applied grammar | 29 | 0.49 | 0.48 | 0.01 |
| Distinguish correct punctuation | 45 | 0.64 | 0.63 | 0.01 |
| Distinguish correct punctuation | 13 | 0.25 | 0.23 | 0.02 |
| Distinguish correct capitalization | 47 | 0.58 | 0.55 | 0.03 |
| Distinguish correct capitalization | 12 | 0.7 | 0.59 | 0.11 |
| Identify correctly applied grammar | 15 | 0.42 | 0.30 | 0.12 |

SUBTEST: Spelling

| Description | Item # | Local | National | Difference |
|--|--------|-------|----------|------------|
| Apply phonetic principles to recognize incorrect spellings of phonemes | 9 | 0.39 | 0.56 | -0.17 |
| Identify incorrect spelling of common homophone in context | 13 | 0.31 | 0.44 | -0.13 |
| Identify incorrect spelling of common homophone in context | 23 | 0.11 | 0.24 | -0.13 |
| Recognize correctly spelled words | 38 | 0.47 | 0.56 | -0.09 |
| Identify incorrect spelling to common homophone in context | 27 | 0.31 | 0.40 | -0.09 |
| Recognize correctly spelled words | 12 | 0.7 | 0.78 | -0.08 |
| Apply phonetic principles to recognize incorrect spellings of phonemes | 20 | 0.62 | 0.65 | -0.03 |
| Identify incorrect spelling reflective of errors in application | 24 | 0.78 | 0.81 | -0.03 |
| Apply phonetic principles to recognize incorrect spellings of phonemes | 32 | 0.44 | 0.47 | -0.03 |
| Identify incorrect spelling reflective of errors in application | 19 | 0.68 | 0.71 | -0.03 |
| Identify incorrect spelling reflective of errors in application | 33 | 0.55 | 0.57 | -0.02 |
| Identify incorrect spelling reflective of errors in application | 26 | 0.8 | 0.81 | -0.01 |

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| Make a prediction based on given information | 25 | 0.47 | 0.62 | -0.15 |
| Analyze a graph of data | 20 | 0.42 | 0.56 | -0.14 |
| Interpret information about uses of chemical substances | 3 | 0.55 | 0.69 | -0.14 |
| Identify possible changes caused by introduced species | 18 | 0.48 | 0.56 | -0.08 |
| Identify the use of tools in science | 28 | 0.46 | 0.54 | -0.08 |
| Make a prediction based on given information | 9 | 0.58 | 0.64 | -0.06 |
| Use observations to predict characteristics of objects | 13 | 0.8 | 0.86 | -0.06 |
| Identify sources of heat | 19 | 0.5 | 0.55 | -0.05 |
| Use information to predict soil characteristics | 29 | 0.45 | 0.49 | -0.04 |
| Evaluate given adaptations for their functions in organisms | 1 | 0.79 | 0.83 | -0.04 |
| Identify a relationship between abiotic and biotic parts of ecosystems | 31 | 0.45 | 0.47 | -0.02 |
| Interpret a model of changes in a cell | 15 | 0.45 | 0.46 | -0.01 |
| Identify causes of changes of pitch in sounds | 16 | 0.52 | 0.53 | -0.01 |
| Identify the causes of changes on Earth | 24 | 0.53 | 0.53 | 0 |
| Apply an understanding of the results of motion on an object | 26 | 0.46 | 0.46 | 0 |
| Apply an understanding of the causes of a given landform | 4 | 0.53 | 0.52 | 0.01 |
| Use a model to predict the relative age of rock layers | 10 | 0.88 | 0.87 | 0.01 |
| Use information to predict the results of a behavior of light | 40 | 0.71 | 0.70 | 0.01 |
| Recognize chemical changes in substances | 2 | 0.8 | 0.78 | 0.02 |
| Use information to compare characteristics of substances | 6 | 0.76 | 0.74 | 0.02 |
| Evaluate graphic representations of data | 39 | 0.29 | 0.26 | 0.03 |
| Use a model to identify a characteristic of a body system | 30 | 0.4 | 0.37 | 0.03 |
| Identify a unit of measurement associated with motion | 34 | 0.73 | 0.70 | 0.03 |
| Identify an interrelationship between organisms in an ecosystem | 27 | 0.72 | 0.68 | 0.04 |
| Use a model to identify the results of changes in | 21 | 0.8 | 0.76 | 0.04 |
| Identify devices used to convert energy from one form to another | 36 | 0.61 | 0.57 | 0.04 |
| Use model to identify the cause of differences in Earth's temperature | 35 | 0.66 | 0.60 | 0.06 |
| Use models and keys to scientifically identify organisms | 37 | 0.66 | 0.60 | 0.06 |
| Identify methods of separating substances in mixtures | 23 | 0.57 | 0.50 | 0.07 |
| Identify causes of growth in organisms | 5 | 0.82 | 0.74 | 0.08 |
| Analyze a model to predict the effects of a change in an ecosystem | 11 | 0.72 | 0.64 | 0.08 |
| Interpret a model of a rock cycle | 14 | 0.76 | 0.68 | 0.08 |
| Analyze a model to determine parts of a cycle in the environment | 7 | 0.64 | 0.55 | 0.09 |

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|--|----|------|------|------|
| Apply an understanding of the importance of structural adaptations | 22 | 0.51 | 0.42 | 0.09 |
| Use models to apply an understanding of weather phenomena | 38 | 0.42 | 0.31 | 0.11 |
| Apply an understanding of chemical formulas | 12 | 0.61 | 0.47 | 0.14 |
| Interpret a model of a geochemical cycle | 33 | 0.53 | 0.39 | 0.14 |
| Analyze a model of changes in Earth's surface | 17 | 0.71 | 0.56 | 0.15 |
| Apply an understanding of kinetic energy of motion | 32 | 0.62 | 0.40 | 0.22 |
| Recognize the results of the position of a planet on the seasons | 8 | 0.56 | 0.34 | 0.22 |

SUBTEST: Social Science

| Description | Item # | Local | National | Difference |
|--|---------------|--------------|-----------------|-------------------|
| Identify a primary source | 19 | 0.28 | 0.51 | -0.23 |
| Determine technology's effect on a physical environment | 12 | 0.44 | 0.58 | -0.14 |
| Identify a historical figure | 27 | 0.38 | 0.51 | -0.13 |
| Recognize the role of government in the economy | 11 | 0.56 | 0.69 | -0.13 |
| Draw a conclusion about information in a chart | 20 | 0.32 | 0.44 | -0.12 |
| Evaluate principles of American democracy | 6 | 0.52 | 0.63 | -0.11 |
| Draw a conclusion based on population graphs | 14 | 0.38 | 0.49 | -0.11 |
| Summarize information presented in a graph | 23 | 0.54 | 0.65 | -0.11 |
| Recognize historical U.S. boundaries | 34 | 0.51 | 0.61 | -0.1 |
| Draw a conclusion about information on a map | 15 | 0.39 | 0.48 | -0.09 |
| Draw a conclusion about standards of living | 3 | 0.5 | 0.58 | -0.08 |
| Understand the effect of physical geography on a settlement | 26 | 0.51 | 0.59 | -0.08 |
| Interpret a timeline of U.S. settlement | 40 | 0.5 | 0.56 | -0.06 |
| Analyze the purpose of a political document | 4 | 0.39 | 0.45 | -0.06 |
| Recognize the contributions of important U.S. historical figures | 30 | 0.35 | 0.41 | -0.06 |
| Understand basic principles of American democracy | 37 | 0.53 | 0.59 | -0.06 |
| Identify a result of human movement | 31 | 0.47 | 0.52 | -0.05 |
| Analyze the role of political parties | 22 | 0.39 | 0.44 | -0.05 |
| Draw a conclusion based on economic data | 8 | 0.68 | 0.72 | -0.04 |
| Analyze the impact of technology | 28 | 0.29 | 0.32 | -0.03 |
| Draw a conclusion based on information in a map | 25 | 0.39 | 0.42 | -0.03 |
| Analyze a thematic map | 29 | 0.56 | 0.59 | -0.03 |
| Identify an American entrepreneur | 2 | 0.49 | 0.51 | -0.02 |
| Understand the impact of technology on workers | 21 | 0.35 | 0.37 | -0.02 |
| Understand the impact of physical geography on settlement | 38 | 0.32 | 0.34 | -0.02 |
| Analyze the role of an entrepreneur | 35 | 0.4 | 0.42 | -0.02 |
| Identify a historical figure | 9 | 0.59 | 0.60 | -0.01 |
| Analyze a graph | 1 | 0.81 | 0.82 | -0.01 |
| Identify absolute location | 5 | 0.56 | 0.56 | 0 |
| Identify the purpose of a political document | 13 | 0.41 | 0.41 | 0 |
| Recognize a means of settling conflicts | 39 | 0.35 | 0.34 | 0.01 |
| Analyze a political cartoon | 10 | 0.42 | 0.40 | 0.02 |
| Analyze causes of conflict in the U.S. | 17 | 0.32 | 0.28 | 0.04 |
| Identify a responsibility of a government official | 32 | 0.41 | 0.37 | 0.04 |
| Associate an economic system with an example | 33 | 0.33 | 0.29 | 0.04 |

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|---|----|------|------|------|
| Summarize the significance of a U.S. political document | 18 | 0.7 | 0.65 | 0.05 |
| Analyze a cartoon | 36 | 0.5 | 0.44 | 0.06 |
| Diffrentiate between different systems of government | 7 | 0.56 | 0.50 | 0.06 |
| Recall the concept of scarcity | 16 | 0.5 | 0.38 | 0.12 |
| Analyze a cause-effect relationship | 24 | 0.67 | 0.46 | 0.21 |

SUBTEST: Listening

| Description | Item # | Local | National | Difference |
|--|---------------|--------------|-----------------|-------------------|
| Identify meanings of spoken words | 6 | 0.21 | 0.48 | -0.27 |
| Determine likely source of information in material listened to everyday | 29 | 0.48 | 0.75 | -0.27 |
| Identify meanings of spoken words | 3 | 0.22 | 0.46 | -0.24 |
| Discern author's voice in material listened to for information | 34 | 0.48 | 0.71 | -0.23 |
| Extract implicit main idea in material listened to for enjoyment | 31 | 0.54 | 0.75 | -0.21 |
| Determine implicit details, plots, sequences or actions | 12 | 0.36 | 0.54 | -0.18 |
| Identify meanings of spoken words | 2 | 0.56 | 0.74 | -0.18 |
| Determine implicit details, plots, sequences or actions | 32 | 0.51 | 0.69 | -0.18 |
| Determine explanation or cause in material listened to for enjoyment | 20 | 0.46 | 0.63 | -0.17 |
| Draw conclusions from details in material listened to for information | 36 | 0.52 | 0.68 | -0.16 |
| Identify meanings of spoken words | 10 | 0.34 | 0.50 | -0.16 |
| Recognisze fact and opinion in material listened to in everyday life | 27 | 0.44 | 0.60 | -0.16 |
| Make predictions in material listened to for informaiton | 23 | 0.66 | 0.82 | -0.16 |
| Identify meanings of spoken words | 9 | 0.28 | 0.43 | -0.15 |
| Discern author's voice in material listened to for information | 25 | 0.21 | 0.35 | -0.14 |
| Make predictions in material listened to for enjoyment | 21 | 0.6 | 0.73 | -0.13 |
| Determine explanation or cause in material listened to every day | 39 | 0.62 | 0.75 | -0.13 |
| Determine implicit causes, effects, actions, or ideas | 40 | 0.7 | 0.83 | -0.13 |
| Provide support for conclusions or outcomes | 35 | 0.51 | 0.63 | -0.12 |
| Analyze text structure or elements in material listed to every day | 37 | 0.31 | 0.43 | -0.12 |
| Determine implicit explantion of cause in material listened to for enjoyment | 11 | 0.37 | 0.47 | -0.1 |
| Identify meanings of spoken words | 7 | 0.36 | 0.45 | -0.09 |
| Determine supporting details in material listened to in everyday life | 18 | 0.73 | 0.82 | -0.09 |
| Select an appropriate strategy to be used | 30 | 0.64 | 0.73 | -0.09 |
| Determine supporting detial in material listened to for imformation | 14 | 0.47 | 0.55 | -0.08 |
| Determine sequence or action in material listened to for information | 15 | 0.39 | 0.47 | -0.08 |

| | | | | |
|---|----|------|------|-------|
| Determine sequence or action in material listened to in everyday life | 38 | 0.53 | 0.61 | -0.08 |
| Select a strategy to be used in material listened to for information | 24 | 0.72 | 0.79 | -0.07 |
| Interpret literary devices in material listened to for enjoyment | 33 | 0.61 | 0.66 | -0.05 |
| Select a strategy to be used in material listened to for enjoyment | 13 | 0.68 | 0.73 | -0.05 |
| Extract implicit main idea in material listened to for enjoyment | 22 | 0.76 | 0.80 | -0.04 |
| Determine sequence or action in material listened to for information | 26 | 0.62 | 0.66 | -0.04 |
| Determine sequence or action in material listened to in everyday life | 28 | 0.63 | 0.67 | -0.04 |
| Identify meanings of spoken words | 4 | 0.79 | 0.83 | -0.04 |
| Identify meanings of spoken words | 8 | 0.64 | 0.67 | -0.03 |
| Determine implicit causes, effects, actions, or ideas | 19 | 0.47 | 0.49 | -0.02 |
| Identify meanings of spoken words | 1 | 0.81 | 0.80 | 0.01 |
| Categorize, classify, compare, contrast ideas | 16 | 0.72 | 0.70 | 0.02 |
| Interpret literary devices in material listened to in everyday life | 17 | 0.44 | 0.41 | 0.03 |
| Identify meanings of spoken words | 5 | 0.36 | 0.32 | 0.04 |