



## Placement Test Skills American Diploma Section

**Grade: 1**

**Students will be tested on the below Math and English Skills.**

### **English:**

- ❖ demonstrate understanding of the organization and basic features of print
- ❖ follow words from left to right, top to bottom, and page by page
- ❖ recognize that spoken words are represented in written language by specific sequences of letters
- ❖ understand that words are separated by spaces in print
- ❖ recognize and name all upper and lowercase letters of the alphabet
- ❖ demonstrate understanding of spoken words, syllables, and sounds (phonemes)
- ❖ recognize and produce rhyming words count, pronounce, blend, and segment syllables in spoken words
- ❖ blend and segment onsets and rimes of single-syllable spoken words
- ❖ isolate and pronounce the initial, medial vowel, and final sounds (phonemes) in three-phoneme (consonant-vowel-consonant, or CVC) words
- ❖ add or substitute individual sounds (phonemes) in simple, one syllable words to make new words
- ❖ know and apply grade-level phonics and word analysis skills in decoding words
- ❖ demonstrate basic knowledge of one-to-one letter-sound correspondences by producing the primary or many of the most frequent sound for each consonant
- ❖ associate the long and short sounds with common spellings for the five major vowels
- ❖ read common high-frequency words by sight
- ❖ distinguish between similarly spelled words by identifying the sounds of the letters that differ
- ❖ read emergent reader texts with purpose and understanding

## Math:

- ❖ Compare two two-digit numbers based on meanings of the tens and ones digits.
- ❖ Count to 120, starting at any number less than 120.
- ❖ Count to 120, starting at any number less than 120.
- ❖ Compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols  $>$ ,  $=$ , and  $<$ .
- ❖ Understand that the two digits of a two-digit number represent amounts of tens and ones.
- ❖ Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.
- ❖ Apply properties of operations as strategies to add and subtract.
- ❖ Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false.
- ❖ Partition circles and rectangles into two and four equal shares, describe the shares using the words halves, fourths, and quarters.
- ❖ Build and draw shapes to possess defining attributes.
- ❖ Build and draw shapes to possess defining attributes.
- ❖ Compose two-dimensional shapes or three-dimensional shapes to create a composite shape.
- ❖ Compare the lengths of two objects indirectly by using a third object.
- ❖ Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.
- ❖ Order three objects by length.



## Placement Test Skills American Diploma Section

**Grade: 2**

**Students will be tested on the below Math and English Skills.**

### **English:**

- ❖ demonstrate understanding of the organization and basic features of print
- ❖ recognize the distinguishing features of a sentence
- ❖ demonstrate understanding of spoken words, syllables, and sounds
- ❖ distinguish long from short vowel sounds in spoken single-syllable words
- ❖ orally produce single-syllable words by blending sounds including consonant blends
- ❖ isolate and pronounce initial, medial vowel, and final sounds in spoken single syllable words
- ❖ segment spoken single-syllable words into their complete sequence of individual sounds
- ❖ know and apply grade-level phonics and word analysis skills in decoding words
- ❖ know the spelling sound correspondences for common consonant digraph
- ❖ decode regularly spelled one syllable words
- ❖ know final -e and common vowel team conventions for representing long vowel sounds
- ❖ use knowledge that every syllable must have a vowel sound to determine the number of syllables in a printed word
- ❖ decode two syllable words following basic patterns by breaking the words into syllables
- ❖ read words with inflectional endings
- ❖ recognize and read grade appropriate irregularly spelled words
- ❖ read with sufficient accuracy and fluency to support comprehension
- ❖ read on-level text with purpose and understanding
- ❖ read on-level text orally with accuracy, appropriate rate, and expression on successive readings
- ❖ use context to confirm or self-correct word recognition and understanding

## Math:

- ❖ Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using  $.$ ,  $>$ , and  $<$  symbols to record the results of comparisons.
- ❖ Mentally add 10 or 100 to a given number 100–900, and mentally subtract 10 or 100 from a given number 100–900.
- ❖ Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones.
- ❖ Use addition and subtraction within 100 to solve one- and two- step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.
- ❖ Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.
- ❖ Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends.
- ❖ Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m.
- ❖ Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using  $\$$  and  $\text{¢}$  symbols appropriately.
- ❖ Estimate lengths using units of inches, feet, centimeters, and meters.
- ❖ Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems<sup>1</sup> using information presented in a bar graph.
- ❖ Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems<sup>1</sup> using information presented in a bar graph.
- ❖ Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces.<sup>1</sup> Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.
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- ❖ Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces.<sup>1</sup> Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.
- ❖ Partition circles and rectangles into two, three, or four equal shares, describe the shares using the words halves, thirds, half of, a third of, etc.



## **Placement Test Skills American Diploma Section**

**Grade: 3**

**Students will be tested on the below Math and English Skills.**

### **English:**

- ❖ know and apply grade-level phonics and word analysis skills in decoding words
- ❖ distinguish long and short vowels when reading regularly spelled one syllable words
- ❖ know spelling sound correspondences for additional common vowel teams
- ❖ decode regularly spelled two syllable words with long vowels
- ❖ decode words with common prefixes and suffixes
- ❖ identify words with inconsistent but common spelling-sound correspondence
- ❖ recognize and read grade appropriate irregularly spelled words
- ❖ read with sufficient accuracy and fluency to support comprehension
- ❖ read on-level text with purpose and understanding
- ❖ use context to confirm or self-correct word recognition and understanding, rereading as necessary

## Math:

- ❖ Use place value understanding to round whole numbers to the nearest 10 or 100.
- ❖ Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.
- ❖ Multiply one-digit whole numbers by multiples of 10 in the range 10–90 using strategies based on place value and properties of operations.
- ❖ Multiply one-digit whole numbers by multiples of 10 in the range 10–90 using strategies based on place value and properties of operations.
- ❖ Explain equivalence of fractions in special cases, and compare fractions by reasoning about their size.
- ❖ Understand a fraction  $\frac{1}{b}$  as the quantity formed by 1 part when a whole is partitioned b equal parts.
- ❖ Understand a fraction as a number on the number line
- ❖ Understand a fraction  $\frac{a}{b}$  as the quantity formed by a parts of size  $\frac{1}{b}$ .
- ❖ Explain equivalence of fractions in special cases, and compare fractions by reasoning about their size.
- ❖ Interpret products of whole numbers.
- ❖ Interpret products of whole numbers.
- ❖ Interpret whole-number quotients of whole numbers.
- ❖ Interpret whole-number quotients of whole numbers.
- ❖ Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations.
- ❖ Understand division as an unknown-factor problem.
- ❖ Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations.
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## Placement Test Skills American Diploma Section

**Grade: 4**

**Students will be tested on the below Math and English Skills.**

### **English:**

#### **Reading Comprehension:**

- ❖ WH questions
- ❖ Main idea
- ❖ Author's purpose

#### **Grammar:**

- ❖ Common and proper nouns
- ❖ Singular and plural nouns
- ❖ Adverbs
- ❖ Simple sentences

#### **Writing:**

- ❖ Write a coherent paragraph on any grade-appropriate topic.

### **Math:**

#### **Operations and Algebraic Thinking:**

- ❖ Place value through thousands
- ❖ Compare and order numbers
- ❖ Add and subtract three- and four-digit numbers.
- ❖ Addition properties.
- ❖ Understand and apply concept of fractions.
- ❖ Multiply and divide by (0 to 12)
- ❖ Use addition to solve problems.
- ❖ Division of 2 digits numbers by one-digit number.
- ❖ Read and find time intervals.
- ❖ Solve word problems.
- ❖ Understand and apply concept of pattern.
- ❖ Name different polygons.
- ❖ Understand and apply the concept of Estimation.
- ❖ Round to a given place.

#### **Geometry:**

- ❖ Perimeter & area of shapes.
- ❖ Read graphs.



## Placement Test Skills American Diploma Section

**Grade: 5**

**Students will be tested on the below Math and English Skills.**

### **English:**

#### **Reading Comprehension:**

- ❖ WH questions
- ❖ Main idea
- ❖ Author's purpose
- ❖ Theme
- ❖ Context clues

#### **Grammar:**

- ❖ Verbs
- ❖ Plural possessive
- ❖ Singular possessive nouns
- ❖ Common and proper nouns
- ❖ Singular and plural nouns
- ❖ Adverbs
- ❖ Simple and compound sentences

#### **Writing:**

- ❖ Write a coherent paragraph about any grade appropriate topic.

### **Math:**

#### **Number and operations in base of Ten:**

- ❖ Generalize place value understanding for multidigit whole numbers.
- ❖ Use place value understanding and properties of operations to perform multi-digit arithmetic.

#### **Number and operations –Fractions:**

- ❖ Adding numbers of 4 digits
- ❖ Subtracting numbers of 4 digits.
- ❖ Extend understanding of fraction equivalence and ordering.



- ❖ Understand and apply concept of fractions.
- ❖ Understand and use units of length and units of volume.

### **Geometry:**

- ❖ Use data to graph histograms.
- ❖ Calculate the perimeter and area of shapes.

### **Operations and Algebraic Thinking:**

- ❖ Use the four operations with whole numbers to solve problems.
- ❖ Multiplying numbers of 2 digits.
- ❖ Addition of fractions.
- ❖ Long division of two digits number by one-digit number.
- ❖ Rounding numbers to the nearest tenth.
- ❖ Generate and analyze patterns.
- ❖ Gain familiarity with factors and multiples.



## Placement Test Skills American Diploma Section

**Grade: 6**

**Students will be tested on the below Math and English Skills.**

### **English:**

- ❖ Read and analyze a grade-specific text and answer attendant questions.
- ❖ Use context clues to identify the meaning of unfamiliar words.
- ❖ Identify and analyze figurative language.
- ❖ Identify and use parts of speech, subjects, verbs, objects, and all punctuation correctly.
- ❖ Write a well- developed essay on any topic.
- ❖ Spell grade-appropriate words correctly.

### **Math:**

#### **Algebra:**

- ❖ Use place value understanding and properties of operations to perform multi-digit arithmetic
- ❖ Understand and apply order of operations.
- ❖ Compare decimal numbers of 3 digits.
- ❖ Understand and apply the concept of exponents.
- ❖ Convert fractions into decimal numbers.
- ❖ Simplify fractions.
- ❖ Addition of decimal numbers.
- ❖ Use the four operations with whole numbers to solve problems.
- ❖ Read and analyze graphs.
- ❖ Multiply decimal numbers 2x3 digits.
- ❖ Understand and calculate parameter of shapes.
- ❖ Apply the long division with decimal numbers.
- ❖ Classify triangles based on angles.
- ❖ Rounding of decimal numbers.
- ❖ Understand and apply the concept of composite numbers.

#### **Geometry:**

- ❖ Three dimensional shapes properties.
- ❖ Understand and calculate Area of shapes.



## Placement Test Skills American Diploma Section

**Grade: 7**

**Students will be tested on the below Math and English Skills.**

### **English:**

- ❖ Read and analyze a grade-specific text and answer attendant questions.
- ❖ Use context clues to identify the meaning of unfamiliar words.
- ❖ Identify and analyze figurative language.
- ❖ Identify and use parts of speech, subjects, verbs, objects, and all punctuation correctly.
- ❖ Write a well- developed essay on any topic.
- ❖ Spell grade-appropriate words correctly.

### **Math:**

#### **Algebra:**

- ❖ Understand and apply the digit-value of numbers.
- ❖ Calculate areas of compound shapes.
- ❖ Convert fractions into decimal form.
- ❖ Divide 3 digits numbers by multiples of 10.
- ❖ Understand and solve problems involving rates, ratios, and proportions.
- ❖ Understand and apply concept of exterior angles of triangle.
- ❖ Analyze and Solve word problems.
- ❖ Understand and apply the concept of odd and even numbers.
- ❖ Operation on decimal numbers of two digits.
- ❖ Understand and apply the concept of coordinate plane and order pairs.
- ❖ Compare fractions.
- ❖ Write linear equations and inequalities.
- ❖ Solve linear equations
- ❖ Write and evaluate algebraic expressions.
- ❖ Understand and apply the concept of perfect square.
- ❖ Understand and apply the concept of exponents.

#### **Geometry:**

- ❖ Complementary and supplementary angles
- ❖ Understand and apply properties of quadrilateral shapes.

#### **Statistics and Probabilities:**

- ❖ Represent and analyze data using histograms



## Placement Test Skills American Diploma Section

**Grade: 8**

**Students will be tested on the below Math and English Skills.**

### **English:**

- ❖ Read and analyze a grade-specific text and answer attendant questions.
- ❖ Use context clues to identify the meaning of unfamiliar words.
- ❖ Identify and analyze figurative language.
- ❖ Identify and use parts of speech, subjects, verbs, objects, and all punctuation correctly.
- ❖ Write a well- developed essay on any topic.
- ❖ Spell grade-appropriate words correctly.

### **Math:**

#### **Algebra:**

- ❖ Understand the concept of exponential functions.
- ❖ Use order of operation to evaluate algebraic expressions.
- ❖ Understand and apply concept of ratio.
- ❖ Evaluate algebraic expressions.
- ❖ Analyze linear graph and evaluate y and x intercepts.
- ❖ Evaluate square root of perfect squares.
- ❖ Write linear equations and inequalities
- ❖ Understand and Solve Proportions.
- ❖ Understand and apply the concept of the slope.
- ❖ Understand and apply the concept of the scientific notations.
- ❖ Solve linear equations and inequalities.
- ❖ Solve problems.
- ❖ Understand and apply operations on fractions.

#### **Geometry:**

- ❖ Evaluate the area of Geometric shapes.



## Placement Test Skills American Diploma Section

**Grade: 9**

**Students will be tested on the below Math and English Skills.**

### **English:**

- ❖ Read and analyze a grade-specific text and answer attendant questions.
- ❖ Use context clues to identify the meaning of unfamiliar words.
- ❖ Identify and analyze figurative language.
- ❖ Identify and use parts of speech, subjects, verbs, objects, and all punctuation correctly.
- ❖ Write a well- developed essay on any topic.
- ❖ Spell grade-appropriate words correctly.

### **Math:**

#### **Algebra:**

- ❖ Write and evaluate algebraic expressions.
- ❖ Use distributive property.
- ❖ Write linear equations and inequalities.
- ❖ Solve linear equations and inequalities.
- ❖ Use scientific notations.
- ❖ Understand and apply concept of functions.
- ❖ Classify numbers according to Sets of numbers.
- ❖ Add fractions.
- ❖ Evaluate absolute value function.
- ❖ Apply Pythagorean theorem.
- ❖ Understand and apply concept of similar shapes.
- ❖ Understand and apply concept of Isosceles triangle properties.
- ❖ Understand and apply concept of ratio.
- ❖ Understand and calculate parameter of shapes.

#### **Geometry:**

- ❖ Use parallel lines properties
- ❖ Complementary and supplementary angles.

#### **Statistics and Probabilities:**

- ❖ Find probability of simple events.

