

# Mathematics with Spanish Audio

## Mathematics Goal Structure

### 1. Computation

- a. Whole numbers
- b. Fractions
- c. Decimals
- d. Positive and negative numbers
- e. Percents

### 2. Number Sense

- a. Whole numbers
- b. Fractions
- c. Decimals
- d. Ordering
- e. Percents
- f. Place value
- g. Base numbers
- h. Roman numerals
- i. Exponents
- j. Scientific notation
- k. Factorization and divisibility
- l. Integers
- m. Equalities/inequalities
- n. Conversion

- o. Ratio and proportion
- p. Set
- q. Expanded/standard notation
- r. Square roots and radicals
- s. Number identification
- t. Rounding/estimation

### **3. Geometry**

- a. Whole numbers
- b. Lines
- c. Transformations
- d. Terminology
- e. Shapes/figures
- f. 3-D figures
- g. Triangles
- h. Congruency
- i. Similarity
- j. Proof
- k. Angles
- l. Open and closed figures
- m. Geometric constructions

### **4. Measurement**

- a. Length
- b. Angle
- c. Area
- d. Circle
- e. Perimeter
- f. Time
- g. Money
- h. Temperature

- i. Weight
- j. Volume/capacity
- k. Formula

## **5. Statistics/Probability**

- a. Probability
- b. Combinations, permutations, possibilities
- c. Statistics

## **6. Graphing**

- a. Line
- b. Number line
- c. Pictograph
- d. Venn diagram
- e. Stem and leaf
- f. Box and whiskers
- g. Bar
- h. Table
- i. Chart
- j. Pie
- k. Coordinate
- l. Array

## **7. Algebraic Concepts**

- a. Solving equations and inequalities
- b. Absolute value
- c. Function
- d. Equation of a line
- e. Patterns/sequences
- f. Missing digits
- g. Order of operations

- h. Properties
- i. Trigonometry
- j. Roots
- k. Simplify expressions
- l. Factorials
- m. Quadratic
- n. Missing operations
- o. Equivalent
- p. Polynomials (Factoring, Degrees)
- q. Logarithms

## **8. Problem Solving**

- a. Logic and reasoning
- b. Computation
- c. Number sense
- d. Geometry
- e. Measurement
- f. Statistics/Probability
- g. Graphing
- h. Algebraic Concepts