OKLAHOMA SCHOOL TESTING PROGRAM

TEST BLUEPRINT MATHEMATICS GRADE 3

This blueprint describes the content and structure of an assessment and defines the ideal number of test items by strand and standard of the Oklahoma Academic Standards (OAS).

IDEAL % OF ITEMS	STRANDS AND STANDARDS
44–48%	**NUMBER AND OPERATIONS** 3.N.1 Number Sense 3.N.2 Number Operations 3.N.3 Fractions 3.N.4 Money
12–18%	**ALGEBRAIC REASONING AND ALGEBRA** 3.A.1 Numerical and Geometric Patterns 3.A.2 Equations
26–30%	**GEOMETRY AND MEASUREMENT** 3.GM.1 Describe and Create Shapes 3.GM.3 Time 3.GM.2 Measurement
12–18%	**DATA AND PROBABILITY** 3.D.1 Data Analysis
100%	**TOTAL: 50 ITEMS**

(Please note this blueprint does not include items that may be field-tested.)
A minimum of 6 items is required to report a strand.

OKLAHOMA SCHOOL TESTING PROGRAM

TEST BLUEPRINT MATHEMATICS GRADE 4

This blueprint describes the content and structure of an assessment and defines the ideal number of test items by strand and standard of the Oklahoma Academic Standards (OAS).

IDEAL % OF ITEMS	STRANDS AND STANDARDS
42–46%	**NUMBER AND OPERATIONS** 4.N.1 Number Operations 4.N.2 Rational Numbers 4.N.3 Money
14–18%	**ALGEBRAIC REASONING AND ALGEBRA** 4.A.1 Numerical Patterns 4.A.2 Equations
26–30%	**GEOMETRY AND MEASUREMENT** 4.GM.1 Polygons and Polyhedra 4.GM.2 Measurement 4.GM.3 Time
12–18%	**DATA AND PROBABILITY** 4.D.1 Data Analysis
100%	**TOTAL: 50 ITEMS**

(Please note this blueprint does not include items that may be field-tested.)
A minimum of 6 items is required to report a strand.

OKLAHOMA SCHOOL TESTING PROGRAM

TEST BLUEPRINT MATHEMATICS GRADE 5

This blueprint describes the content and structure of an assessment and defines the ideal number of test items by strand and standard of the Oklahoma Academic Standards (OAS).

IDEAL % OF ITEMS	STRANDS AND STANDARDS
44–48%	**NUMBER AND OPERATIONS** 5.N.1 Division of Multi-digit Numbers 5.N.2 Fractions and Decimals 5.N.3 Add and Subtract Rational Numbers
16–20%	**ALGEBRAIC REASONING AND ALGEBRA** 5.A.1 Numerical Patterns and Graphs 5.A.2 Equations and Inequalities
22–26%	**GEOMETRY AND MEASUREMENT** 5.GM.1 Polygons and Polyhedra 5.GM.2 Volume and Surface Area 5.GM.3 Angles
12–18%	**DATA AND PROBABILITY** 5.D.1 Data Analysis
100%	**TOTAL: 50 ITEMS**

(Please note this blueprint does not include items that may be field-tested.)
A minimum of 6 items is required to report a strand.

OKLAHOMA SCHOOL TESTING PROGRAM

TEST BLUEPRINT MATHEMATICS GRADE 6

This blueprint describes the content and structure of an assessment and defines the ideal number of test items by strand and standard of the Oklahoma Academic Standards (OAS).

IDEAL % OF ITEMS	STRANDS AND STANDARDS
38–42%	**NUMBER AND OPERATIONS** 6.N.1 Number Sense of Integers and Rational Numbers 6.N.2 Addition and Subtraction of Integers 6.N.3 Ratios 6.N.4 Multiplication and Division of Rational Numbers
20–24%	**ALGEBRAIC REASONING AND ALGEBRA** 6.A.1 Algebraic Representations 6.A.2 Algebraic Expressions 6.A.3 Equations and Inequalities
22–26%	**GEOMETRY AND MEASUREMENT** 6.GM.1 Area of Parallelograms and Triangles 6.GM.2 Angle Relationships on Intersecting Lines 6.GM. 3 Units of Measurement and Unit Conversions 6.GM.4 Congruency and Symmetry of Transformations
12–16%	**DATA AND PROBABILITY** 6.D.1 Data Analysis 6.D.2 Probability
100%	**TOTAL: 50 ITEMS**

(Please note this blueprint does not include items that may be field-tested.)
A minimum of 6 items is required to report a strand.

OKLAHOMA SCHOOL TESTING PROGRAM

TEST BLUEPRINT MATHEMATICS GRADE 7

This blueprint describes the content and structure of an assessment and defines the ideal number of test items by strand and standard of the Oklahoma Academic Standards (OAS).

IDEAL % OF ITEMS	STRANDS AND STANDARDS
18–22%	**NUMBER AND OPERATIONS** 7.N.1 Representation and Comparison of Rational Numbers 7.N.2 Number Operations and Absolute Value
28–32%	**ALGEBRAIC REASONING AND ALGEBRA** 7.A.1 Proportional Relationships 7.A.2 Proportions, Rates and Ratios 7.A.3 Linear Equations and Inequalities 7.A.4 Order of Operations
28–32%	**GEOMETRY AND MEASUREMENT** 7.GM.1 Surface Area and Volume of Rectangular Prisms 7.GM.2 Trapezoids and Composite Figures 7.GM.3 Circles 7.GM.4 Transformations
18–22%	**DATA AND PROBABILITY** 7.D.1 Data Analysis 7.D.2 Probability
100%	**TOTAL: 50 ITEMS**

(Please note this blueprint does not include items that may be field-tested.)
A minimum of 6 items is required to report a strand.

OKLAHOMA SCHOOL TESTING PROGRAM

TEST BLUEPRINT MATHEMATICS GRADE 8

This blueprint describes the content and structure of an assessment and defines the ideal number of test items by strand and standard of the Oklahoma Academic Standards (OAS).

IDEAL % OF ITEMS	STRANDS AND STANDARDS
16–20%	**NUMBER AND OPERATIONS** PA.N.1 Real Number Operations
44–48%	**ALGEBRAIC REASONING AND ALGEBRA** PA.A.1 Linear and Non-Linear Functions PA.A.2 Linear Function Representations and Problem Solving PA.A.3 Algebraic Expressions PA.A.4 Equations and Inequalities
18–22%	**GEOMETRY AND MEASUREMENT** PA.GM.1 Pythagorean Theorem PA.GM.2 Surface Area and Volume
14–18%	**DATA AND PROBABILITY** PA.D.1 Data Analysis and Scatter Plots PA.D.2 Probability
100%	**TOTAL: 50 ITEMS**

Please note this blueprint does not include items that may be field-tested. A minimum of 6 items is required to report a strand.