GRADE 6 MATH

UNIT STANDARDS

UNIT 1
RATIOS & UNIT RATES

The following standards will be taught, assessed and documented in this unit.

6.RP.A.1
6.RP.A.2
6.RP.A.3

UNIT 2
OPERATIONS WITH FRACTIONS & DECIMALS

The following standards will be taught, assessed and documented in this unit.

6.NS.A.1
6.NS.B.2
6.NS.B.3
6.NS.B.4

UNIT 3
INTEGERS

The following standards will be taught, assessed and documented in this unit.

6.NS.C.5
6.NS.C.6
6.NS.C.7
6.NS.C.8

UNIT 4
ALGEBRAIC EXPRESSIONS

The following standards will be taught, assessed and documented in this unit.

6.EE.A.1
6.EE.A.2
6.EE.A.3
6.EE.A.4

UNIT 5
ALGEBRAIC EQUATIONS AND INEQUALITIES

The following standards will be taught, assessed and documented in this unit.

6.EE.B.5
6.EE.B.6
6.EE.B.7
6.EE.B.8
6.EE.C.9

UNIT 6
GEOMETRY: 2D AREA, 3D TOTAL SURFACE AREA & VOLUME

The following standards will be taught, assessed and documented in this unit.

6.G.A.1
6.G.A.2
6.G.A.3
6.G.A.4

UNIT 7
STATISTICS

The following standards will be taught, assessed and documented in this unit.

6.SP.A.1
6.SP.A.2
6.SP.A.3
6.SP.B.4
6.SP.B.5
GRADE 7 MATH
UNIT STANDARDS

UNIT 1 | RATIOS & PROPORTIONAL RELATIONSHIPS
---|---
The following standards will be taught, assessed and documented in this unit.
7.RP.A.1
7.RP.A.2
7.RP.A.3
7.EE.B.4.a
7.G.A.1

UNIT 2 | RATIONAL NUMBERS
---|---
The following standards will be taught, assessed and documented in this unit.
7.NS.A.1
7.NS.A.2
7.NS.A.3
7.EE.A.2
7.EE.B.4.a

UNIT 3 | EXPRESSIONS AND EQUATIONS
---|---
The following standards will be taught, assessed and documented in this unit.
7.EE.A.1
7.EE.A.2
7.EE.B.4
7.G.B.4
7.G.B.5
7.G.B.6

UNIT 4 | PERCENT & PROPORTIONAL RELATIONSHIPS
---|---
The following standards will be taught, assessed and documented in this unit.
7.RP.A.1
7.RP.A.2
7.RP.A.3
7.EE.B.3
7.G.A.1

UNIT 5 | STATISTICS AND PROBABILITY
---|---
The following standards will be taught, assessed and documented in this unit.
7.SP.A.1
7.SP.A.2
7.SP.C.5
7.SP.C.6
7.SP.C.7
7.SP.C.8.Bc

UNIT 6 | GEOMETRIC PROPERTIES & CONSTRUCTION
---|---
The following standards will be taught, assessed and documented in this unit.
7.G.B.5
7.G.A.2

UNIT 7 | EXTENDING GEOMETRY
---|---
The following standards will be taught, assessed and documented in this unit.
7.G.A.3
7.G.B.6
# ALGEBRA 1

## UNIT STANDARDS

### UNIT 1
**REAL NUMBERS: LANGUAGE, OPERATIONS, AND PROPERTIES**

The following standards will be taught, assessed and documented in this unit.

- N.RN.A.1-2

### UNIT 2
**FUNCTIONS/LINEAR EQUATIONS AND INEQUALITIES**

The following standards will be taught, assessed and documented in this unit.

- A.SS.A.1.b-c
- A.CED.A.1
- A.REI.A.1
- A.REI.B.3

### UNIT 3
**GRAPHING LINEAR EQUATIONS AND INEQUALITIES**

The following standards will be taught, assessed and documented in this unit.

- A.CED.A.2-3
- F.IF.A.1-2
- F.IF.B.5

### UNIT 4
**SYSTEMS OF LINEAR EQUATIONS AND INEQUALITIES**

The following standards will be taught, assessed and documented in this unit.

- N.Q.A.1-3
- A.CED.A.2-3
- A.REI.C.5-6
- A.REI.D.10-12

### UNIT 5
**EXPONENTS AND POLYNOMIALS (BASIC OPERATIONS)**

The following standards will be taught, assessed and documented in this unit.

- A.APR.A.1

### UNIT 6
**FACTORING POLYNOMIALS**

The following standards will be taught, assessed and documented in this unit.

- A.SSE.A.2
- A.REI.A.1

### UNIT 7
**RATIONAL EXPRESSIONS AND EQUATIONS**

The following standards will be taught, assessed and documented in this unit.

- A.REI.A.1

### UNIT 8
**RADICALS AND RATIONAL EXPONENTS**

The following standards will be taught, assessed and documented in this unit.

- N.RN.B.3
- A.REI.A.1
- A.REI.B.4.b

### UNIT 9
**SOLVING QUADRATIC EQUATIONS**

The following standards will be taught, assessed and documented in this unit.

- A.SSE.B.5.b
- A.REI.A.1
- A.REI.A.4.a-b
UNIT STANDARDS

UNIT 1: INTEGER EXPONENTS & SCIENTIFIC NOTATION
The following standards will be taught, assessed and documented in this unit.
8.EE.A.1
8.EE.A.3
8.EE.A.4

UNIT 2: CONGRUENCE IN GEOMETRY
The following standards will be taught, assessed and documented in this unit.
8.G.A.1
8.G.A.2
8.G.A.5
8.G.B.6
8.G.B.7

UNIT 3: SIMILARITY IN GEOMETRY
The following standards will be taught, assessed and documented in this unit.
8.G.A.3
8.G.A.4
8.G.A.5
8.G.B.6
8.G.B.7

UNIT 5: LINEAR EQUATIONS IN TWO VARIABLES
The following standards will be taught, assessed and documented in this unit.
8.F.A.1
8.F.A.2
8.F.A.3
8.G.C.9

UNIT 6: FUNCTIONS
The following standards will be taught, assessed and documented in this unit.
8.F.B.4
8.F.B.5
8.SP.A.1
8.SP.A.2
8.SP.A.3
8.SP.A.4

UNIT 7: INTRODUCTION TO IRRATIONAL NUMBERS
The following standards will be taught, assessed and documented in this unit.
8.NS.A.1
8.NS.A.2
8.EE.A.2
8.G.B.6
8.G.B.7
8.G.B.8
# Grade 8 Math

## Unit Standards

### Unit 1: Integer Exponents & Scientific Notation

The following standards will be taught, assessed and documented in this unit.

- 8.EE.A.1
- 8.EE.A.3
- 8.EE.A.4

### Unit 2: Congruence in Geometry

The following standards will be taught, assessed and documented in this unit.

- 8.G.A.1
- 8.G.A.2
- 8.G.A.5
- 8.G.B.6
- 8.G.B.7

### Unit 3: Similarity in Geometry

The following standards will be taught, assessed and documented in this unit.

- 8.G.A.3
- 8.G.A.4
- 8.G.A.5
- 8.G.B.6
- 8.G.B.7

### Unit 4: Linear Equations in One Variable

The following standards will be taught, assessed and documented in this unit.

- 8.EE.B.5
- 8.EE.B.6
- 8.EE.C.7
- 8.EE.C.8
- 8.G.B.7

### Unit 5: Linear Equations in Two Variables

The following standards will be taught, assessed and documented in this unit.

- 8.F.A.1
- 8.F.A.2
- 8.F.A.3
- 8.G.C.9

### Unit 6: Functions

The following standards will be taught, assessed and documented in this unit.

- 8.F.B.4
- 8.F.B.5
- 8.SP.A.1
- 8.SP.A.2
- 8.SP.A.3
- 8.SP.A.4

### Unit 7: Introduction to Irrational Numbers

The following standards will be taught, assessed and documented in this unit.

- 8.NS.A.1
- 8.NS.A.2
- 8.EE.A.2
- 8.G.B.6
- 8.G.B.7
- 8.G.B.8