

8th Math Syllabus

Book/Online Platform: Savvas Realize Grade 8 for Texas

Supplemental Material: ThinkUp! Math 8th Grade, Edgenuity

Topic 1- Rational and Irrational Numbers (6 days)

- TEKS Covered: 8.1 (A,B,C,D,E,F,G), 8.2(A,B,C,D)

NWEA Fall Testing (3 days)

Unit B Proportionality (18 days)

Topic 2- Proportional Relationships, Lines, and Linear Equations

- TEKS Covered: 8.1 (A,B,C,D,E,F,G), 8.2D, 8.4(B,C), 8.5(A,B,E,F,H,I)

Topic 3- Defining and Comparing Functions

- TEKS Covered: 8.1 (A,B,C,D,E,F,G), 8.5(A,C,F,G,H)

Topic 4- Using the Pythagorean Theorem (7 days)

- TEKS Covered: 8.1 (A,B,C,D,E,F,G), 8.6C, 8.7(C,D)

Topic 5- Surface Area and Volume (12 days)

- TEKS Covered: 8.1 (A,B,C,D,E,F,G), 8.6(A,B), 8.7(A,B)

Topic 6- Linear Equations (12 days)

- TEKS Covered: 8.1 (A,B,C,D,E,F,G), 8.6(A,B,C)

Topic 7- Reasoning in Geometry (5 days)

- TEKS Covered: 8.1 (A,B,C,D,E,F,G), 8.8D

Interim Testing (3 days)

Benchmark Testing (3 days)

Topic 8- Simultaneous Linear Equations (7 days)

- TEKS Covered: 8.1 (A,B,C,D,E,F,G), 8.9A

Semester Test Review/Test (4 days)

NWEA Winter Testing (3 days) (happens in the middle of topic 9)

Unit D Two-Dimensional Shapes (20 days)

Topic 9- Congruence

- TEKS Covered: 8.1 (A,B,C,D,E,F,G), 8.10(A,C)

Topic 10- Similarity

- TEKS Covered: 8.1 (A,B,C,D,E,F,G), 8.3(A,B,C), 8.4A, 8.10(A,B,D)

Topic 11- Scatterplots (7 days)

- TEKS Covered: 8.1 (A,B,C,D,E,F,G), 8.5(C,D,I), 8.11A

Topic 12- Samples (5 days)

- TEKS Covered: 8.1 (A,B,C,D,E,F,G), 8.11(B,C)

Topic 13- Investing and Financing (6 days)

- TEKS Covered: 8.1 (A,B,C,D,E,F,G), 8.12(A,B,C,D,E,F)

Interim Testing (3 days)

Topic 14- Planning for College (6 days)

- TEKS Covered: 8.1 (A,B,C,D,E,F,G), 8.12G

Benchmark Testing (3 days)

STAAR Review (Including Semester Test)- (17 days)

- TEKS Covered: All

NWEA Spring Testing (5 days)