

Algebra II Syllabus

Book/Online Platform: Savvas Realize Algebra II for Texas

Topic 1- Functions (6 days)

- TEKS Covered: A.1 (A,B,C,D,E,F,G), A.2(A,B,C,D), A.7(B,I)

NWEA Fall Testing (3 days)

Topic 2- Absolute Value Equations and Functions (5 days)

- TEKS Covered: A.1 (A,B,C,D,E,F,G), A.2A, A.6(C,D,E,F), A.7I

Topic 3- Systems of Linear Equations (4 days)

- TEKS Covered: A.1 (A,B,C,D,E,F,G), A.3(A,B,E,F,G), A.8B

Topic 4- Matrices (7 days)

- TEKS Covered: A.1 (A,B,C,D,E,F,G), A.3B

Topic 5- Quadratic Functions and Equations (12 days)

- TEKS Covered: A.1 (A,B,C,D,E,F,G), A.3C, A.4(A,B,D,F,H), A.7A

Topic 6- Square Root Functions and Equations (3 days)

- TEKS Covered: A.1 (A,B,C,D,E,F,G), A.2(A,B,C,D), A.4(C,E,F,G)

Semester Test Review/Test (4 days)

NWEA Winter Testing (3 days) (happens in the middle of topic 7)

Topic 7- Exponential and Logarithmic Functions and Equations (24 days)

- TEKS Covered: A.1 (A,B,C,D,E,F,G), A.2A, A.5(A,B,C,D,E)

Topic 8- Polynomials (24 days)

- TEKS Covered: A.1 (A,B,C,D,E,F,G), A.2A, A.7(B,C,D,E)

Topic 9- Radical Expressions (5 days)

- TEKS Covered: A.1(A,B,C,D,E,F,G), A.7G

Topic 10- Cubic and Cube Root Functions and Equations (5 days)

- TEKS Covered: A.1(A,B,C,D,E,F,G), A.2(A,B,D), A.6(A,B), A.7H

Topic 11- Rational Functions and Equations (5 days)

- TEKS Covered: A.1(A,B,C,D,E,F,G), A.6(H,I,J,K,L), A.7(F,I)

Topic 12- Data (5 days)

- TEKS Covered: A.1(A,B,C,D,E,F,G), A.8(A,B,C)

Final Exam Review/Test (4 days)

NWEA Spring Testing (5 days)