



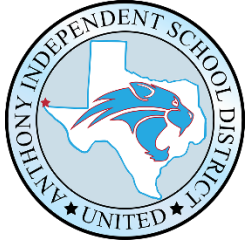
Anthony High School

Math Courses Syllabi

Teacher: Maria Ramirez

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Anthony High School

Teacher: Maria Ramirez

Subject: Algebra II Syllabus

First Semester

1st Nine Weeks

Unit 1. Introduction to Functions in Algebra II (15 days)

TEKS: A2.1A – A2.1G, A2.2A – A2.2D, A2.7I

Unit 2. Absolute Value Functions, Equations and Inequalities. (10 days)

TEKS: A2.1A – A2.1G, A2.2A, A2.6C – A2.6F

Unit 3. Systems of Linear Equations and Inequalities (12 days)

TEKS: A2.1A – A2.1G, A2.3A, A2. 3B, A2.3E-A2.3G

2nd Nine Weeks

Unit 4. Expressions, Factoring, and Equations with Rational Exponents (13 days)

TEKS: A2.1A – A2.1G, A2.7B-A2.7E, A2.7G, A2. 7H

Unit 5. Quadratic Relations, Equations, and Inequalities (14 days)

TEKS: A2.1A – A2.1G, A2.3A, A2.3C, A2.3D, A2.4A, A2.4B, A2.4E, A2.4F, A2.4H, A2.7A

Unit 6. Square Root Functions and Equations (8 days)

TEKS: A2.1A – A2.1G, A2.2A- A2.2D, A2.4C, A2.4E-A2.4G, A2.7H

Second Semester

3rd Nine Weeks

Unit 7. Cubic and Cube Root Functions and Equations (10 days)

TEKS: A2.1A – A2.1G, A2.2A- A2.2D, A2.6A, A2.6B, A2.7H

Unit 8: Rational Functions and Equations (15 days)

TEKS: A2.1A – A2.1G, A2.2A, A2.6G-A2.6L, A2.7F

Unit 09: Exponential Functions and Equations (10 days)

TEKS: A2.1A – A2.1G, A2.2A, A2.5A, A2.5B, A2.5D, A2.7H

4th Nine Weeks

Unit 10: Exponential and Logarithmic Functions and Equations (10 days)

TEKS: A2.1A – A2.1G, A2.2A-A2.2D, A2.5A- A2.5E

Unit 11. Linear, Quadratic, and Exponential Data Models (5 days)

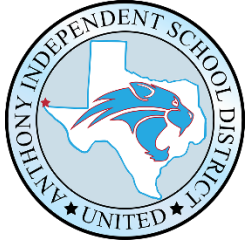
TEKS: A2.1A – A2.1G, A2.8A-A2.8C

Unit 12. Making Connections (10 days)

TEKS: A2.1A – A2.1G, A2.2A, A2.2C, A2.3B, A2.3C, A2.3F, A2.4B, A2.4C, A2.4F, A2.5A, A2.5D, A2.6B, A2.6E – A2.6G, A2.6I, A2.6K, A2.6L, A2.7D, A2.7E, A2.8C

Unit 13. Exploring a Business Venture (10 days)

TEKS: A2.1A – A2.1G, A2. 3A-A2.3C, A2.3E, A2.3G, A2.4E, A2.4F, A2.5B, A2.5D, A2.6L, A2.8C



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Subject: Geometry Syllabus

First Semester

1st Nine Weeks

Unit 1 Introduction to Logic and Euclidean Geometry (10 days)

TEKS: G.1A-G.1G, G.2A, G.4A-G.4C, G.5B, G.5C

Unit 2: Coordinate Geometry and Transformations (15 days)

TEKS: G.1A-G.1G, G.2A-G.2C, G.3A-G.3D, G.4D

Unit 3. Relationships of Lines and Transversals (6 days)

TEKS: G.1A-G.1G, G.4A, G.5A-G.5C, G.6A

Unit 4. Relationships of Triangles, including Congruence and Similarity (19 days in entire unit)

TEKS: G.1A-G.1G, G.2B, G.4D, G.5A-G.5D, G.6A-G.6D, G.7A, G.7B, G.8A

2nd Nine Weeks

Unit 4. Relationships of Triangles, including Congruence and Similarity (continued) (19 days in entire unit)

TEKS: G.1A-G.1G, G.2B, G.4D, G.5A-G.5D, G.6A-G.6D, G.7A, G.7B, G.8A

Unit 5. (14 days)

TEKS: G.1A-G.1G, G.5B, G.5C, G.6D, G.7A, G.8B, G.9A, G.9B

Second Semester

3rd Nine Weeks

Unit 6. Relationships of Circles, including Radian Measure and Equation of a Circle (10 days)

TEKS: G.1A-G.1G, G.2B, G.5A, G.12A, G.12D, G.12E

Unit 7. Relationships of Two- and Three-Dimensional Figures (15 days)

TEKS: G.1A-G.1G, G.2B, G.5A, G.6E, G.10A

Unit 8: Measurement of Two-Dimensional Figures (15 days)

TEKS: G.1A-G.1G, G.10B, G.11A, G.11B, G.12B, G.12C

4th Nine Weeks

Unit 09: Geometry – Measurement of Three-Dimensional Figures (10 days)

TEKS: G.1A-G.1G, G.10B, G.11A-G.11D

Unit 10: Geometry – Probability (12 days)

TEKS: G.1A-G.1G, G.13A-G.13E

Unit 11. Engineering Design (10 days)

TEKS: G.1A-G.1G, G.2 C, G.3A, G.5C, G.6D, G.6E, G.7A, G.9A, G.9B, G.10B, G.11C, G.11D, G.12B, G.12C G.11B