

# New Caney ISD 2021-22 Annual Sequence 8<sup>th</sup> Math Accelerated

## 1st Nine Weeks (G8 Math) (August 9, 2021 - October 7, 2021)

- **BUNDLE 1: Rational Numbers, Equations, Inequalities**
  - Unit 1.1 - Real Number System (7 days) TEKS: 8.2A, 8.2B, 8.2C, 8.2D, A1.11A
  - Unit 1.2 - Interpret & Solve Equations and Inequalities (9 days) TEKS: 8.8A, 8.8B, 8.8C, 8.12D, 8.12G, A1.2C, A1.5A, A1.5B, A1.12E
  - Bundle Test 1 – August 27, 2021
- **BUNDLE 2: Proportional and Nonproportional Functions**
  - Unit 2.1 - Linear Relationships (10 days) TEKS: 8.4A, 8.4B, 8.4C, 8.5A, 8.5B, 8.5C, 8.5E, 8.5F, 8.5G, 8.5H, 8.5I, A1.2A, A1.3A, A1.3B, A1.3C, A1.12A
  - Unit 2.2 - Systems and Scatterplots (8 days) TEKS: 8.5C, 8.5D, 8.9A, 8.11A, A1.3F, A1.3G, A1.4A, A1.4B, A1.4C
  - Bundle 2 Test: September 23, 2021
- **BUNDLE 3: Transformations**
  - Unit 3.1 - Transformations of Polygons (9 days) TEKS: 8.3A, 8.3B, 8.3C, 8.10A, 8.10B, 8.10C
  - Bundle 3 Test: Oct 7, 2021

## 2<sup>nd</sup> Nine Weeks (G8 Math) (October 8, 2021 - December 16, 2021)

- **BUNDLE 4: Angles, Triangles & Pythagorean Theorem**
  - Unit 4.1 - Mean Absolute Deviation & Financial Literacy (6 days) TEKS: 8.11B, 8.11C, 8.12B, 8.12C, 8.12D, 8.12E, 8.12F, 8.12G
  - Unit 4.2 - Angles & Similar Figures (6 days) TEKS: 8.3A, 8.3B, 8.3C, 8.8D, 8.10D
  - Unit 4.3 - Pythagorean Theorem (8 days) TEKS: 8.6C, 8.7C, 8.7D
  - Bundle 4 Test: Nov 12, 2021
- **BUNDLE 5: Geometry & Measurement of 3-D Relationships**
  - Unit 5.1 - Calculating Surface Area (5 days) TEKS: 8.7B
  - Unit 5.2 - Calculating Volume (7 days) TEKS: 8.6A, 8.6B, 8.7A

## 3<sup>rd</sup> Nine Weeks (Algebra1) (January 11, 2022 - March 10, 2022)

- **BUNDLE 1: Linear Functions**
  - Unit 1.1 - Solving Equations and Inequalities (8 days) TEKS: A1.2C, A1.2H, A1.5A, A1.5B, A1.12E
  - Unit 1.2 - Linear Functions (11 days) TEKS: A1.2A, A1.2B, A1.2C, A1.2D, A1.2E, A1.2F, A1.2G, A1.3A, A1.3B, A1.3C, A1.3E, A1.4B, A1.4C, A1.12A, A1.12B
  - Bundle 1 Test: February 8, 2022
- **BUNDLE 2: Systems of Equations and Inequalities**
  - Unit 2.1 - Solving Systems of Equations & Inequalities (8 days) TEKS: A1.2I, A1.3D, A1.3G, A1.3H, A1.5C
  - Bundle 2 Test: February 18, 2022
- **BUNDLE 3: Exponential Functions and Sequences**
  - Unit 3.1 - Exponential Functions (5 days) TEKS: A1.9A, A1.9B, A1.9C, A1.9D, A1.9E
  - Unit 3.2 - Sequences (2 days) TEKS: A1.12C, A1.12D
  - Bundle 3 Test: March 10, 2022

## 4<sup>th</sup> Nine Weeks (Algebra 1) (March 14 - May 26, 2022)

- **BUNDLE 4: Simplifying Expressions**
  - Unit 4.1 - Simplify Expressions Using Laws of Exponents (3 days) TEKS: A1.11B
  - Unit 4.2 - Adding, Subtracting, Multiplying Polynomials (6 days) TEKS: A1.10A, A1.10B, A1.10D

- Bundle 4 Test: March 24, 2022
- BUNDLE 5: Quadratic Functions
  - Unit 5.1 - Dividing Polynomials (6 days) TEKS: A1.7B, A1.10C, A1.10E, A1.10F, A1.11A
  - Unit 5.2 - Solve Quadratic Equations (1 day) TEKS: A1.8A
  - Unit 5.3 – Graph Quadratic Functions (6 days) TEKS: A1.6A, A1.6B, A1.6C, A1.7A, A1.7C, A1.8B
  - Bundle 5 Test: April 25, 2022
- Algebra I EOC Review (10 days)