

Grade 8 Pre-Algebra
Team Members: Badoyen, Brubaker, Davis, Nguyen
Unit CFA's: 9
DBA: 3
Star Assessments: 3
Testing Totals: 15
QUARTER 1

Dates	Unit Title	Objectives
9/30/19 to 9/30/19	STAR Assessment	ALL Math 8 Objectives
14 days CFA Date: September 24th	Unit 1 Numerical Relationships & Operations	SOL 8.1 – Compare/Order Rational Numbers SOL 8.2 – Real Number System SOL 8.3a – Estimate Non-Perfect Squares SOL 8.3b – Positive & Negative Square Roots
10 days CFA Date: October 4th	Unit 2 Chance	SOL 8.11 – Probability (Independent & Dependent)
19 days CFA Date: November 1st	Unit 3 Proportional Reasoning	SOL 8.4 – Problem Solving (Consumer Applications)
10/30/19 to 11/13/19	DBA	Quarter 1 Objectives

QUARTER 1 ends after November 8th, 2019.

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QUARTER 2

Dates	Unit Title	Objectives
<p>22 days</p> <p>CFA Date: December 12th</p>	<p>Unit 4 Concept of Balance</p>	<p>SOL 8.14a – Evaluate Expressions SOL 8.14b – Simplify Algebraic Expressions in One Variable SOL 8.17 – Solve Multi-Step Equations SOL 8.18 – Solve Multi-Step Inequalities</p>
12/2/19 to 12/20/19	STAR Math	ALL Math 8 Objectives
<p>21 days</p> <p>CFA Date: January 30th</p>	<p>Unit 5 Rate of Change</p>	<p>SOL 8.15a – Function Rule SOL 8.15b – Domain/Range SOL 8.16a – Slope SOL 8.16b – Slope & Y-Intercept SOL 8.16c – Independent/Dependent Variables SOL 8.16d – Graph a Line ($y = mx + b$) SOL 8.16e – Rule of 4 (Verbal/Table/Equation/Graph)</p>
01/15/20 to 01/31/20	DBA	Quarter 2 Objectives

QUARTER 2 ends after January 24th, 2020.

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QUARTER 3

Dates	Unit Title	Objectives
10 days CFA Date: February 13th	Unit 6 Statistical Relationship	SOL 8.12 – Boxplots SOL 8.13 - Scatterplots
9 days CFA Date: February 27th	Unit 7 Transformations	SOL 8.7a – Transformations SOL 8.7b – Practical Applications
15 days CFA Date: March 20th	Unit 8 Space, Shape, and Size	SOL 8.5 – Angle Relationships SOL 8.9 – Pythagorean Theorem

QUARTER 3 ends after April 3rd, 2020.

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QUARTER 4

Dates	Unit Title	Objectives
19 days CFA Date: April 23th	Unit 9 Moving 2D to 3D	SOL 8.6a – Volume/S.A. of Cones & Square-Based Pyramids SOL 8.6b – Change in Attribute (Vol./S.A.) SOL 8.8 – 3D Views SOL 8.10 – Composite Figures
03/25/20 to 04/24/20	Mock SOL	ALL Math 8 Objectives
04/01/20 to 04/30/20	STAR Math	ALL Math 8 Objectives
04/27/20 to 06/05/20	Data Based Review	ALL Math 8 Objectives
04/13/20 to 6/26/20 (Testing Window per VDOE)	SOL	ALL Math 8 Objectives

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Unit Title	Copy of Test to Team Lead	Test Administered to Students	Data Team Meeting	Data Packet Due to Team Lead
Unit 1 Numerical Relationships & Operations	9/17/19	9/24/19	10/4/19	10/4/19
Unit 2 Chance	9/27/19	10/4/19	10/11/19	10/14/19
Unit 3 Proportional Reasoning	10/25/19	11/01/19	11/08/19	11/11/19
Unit 4 Concept of Balance	12/05/19	12/12/19	12/20/19	12/20/19
Unit 5 Rate of Change	01/23/20	01/30/20	02/07/20	02/10/20
Unit 6 Statistical Relationships	02/06/20	02/13/20	02/21/20	02/24/20
Unit 7 Transformations	02/20/20	02/27/19	03/06/20	03/09/20
Unit 8 Space, Shape, and Size	03/13/20	03/20/20	03/27/20	03/30/20
Unit 9 Moving 2D to 3D	04/16/20	04/23/20	05/01/20	05/04/20