Grade 6 Year at a Glance 2025-2026

Trimester 1 ~62 Days September 3- December 5	Trimester 2 ~ 60 Days December 8 – March 20	Trimester 3 ~ 53 Days March 23 - June 18
Diagnostic 1 **Unit 1 Expressions & Equations (~32 days)** • **Lesson 0** – First 5 days (5 days) • **Lesson 1** – Area of Parallelogram (3 days) • **Lesson 2** – Area of Triangles & other Polygons (4 days) • **Lesson 3** – Use Nets to find Surface Area (4 days) • **Lesson 4*** – Work w/ Algebraic Expressions (4 days) • **Lesson 5*** – Write & Evaluate Expressions w/ Exponents (4 days) • **Lesson 6** – GCF/ LCM (4 days) • **Unit Review (1 day)** • **Unit 1 Assessment (1 day)** **Unit 2 Decimals and Fractions (~22 days)** • **Lesson 7** – Add, Subtract, Multiply Multi-Digit Decimals (4 days) • **Lesson 8** – Divide Whole Numbers & Multi-Digit Decimals (5 days) • **Lesson 9** – Understand Division w/ Fractions (3 days) • **Lesson 10** – Divide Fraction (4 days) • **Lesson 11** – Solve Volume Problems w/ Fractions (4 days) • **Unit Review (1 day)** • **Unit 2 Assessment (1 day)** **Unit 3 Ratio Reasoning (~8/14 days)** • **Lesson 12** – Understand Ratio Concepts (3 days) • **Lesson 13** – Find Equivalent Ratios (5 days)	**Unit 3 Ratio Reasoning (~6/14 days)** • **Lesson 14** – Use Part-to-Part & Part-to-Whole Ratios (4 days) • **Unit Review (1 day)** • **Unit 3 Assessment (1 day)** **Diagnostic 2** **Unit 4 Ratio Reasoning (~17 days)** • **Lesson 15** – Understand Rate Concepts (3 days) • **Lesson 16** – Use Unit Rates to Solve Problems (5 days) • **Lesson 17** – Understand Percents (3 days) • **Lesson 18** – Use Percents to Solve Problems (4 days) • **Unit Review (1 day)** • **Unit 4 Assessment (1 day)** **Unit 5 Algebraic Thinking (~19 days)** • **Lesson 19** – Write & Identify Equivalent Expressions (5 days) • **Lesson 20** – Understand Solutions of Equations (3 days) • **Lesson 21** – Write & Solve One-Variable Equations (5 days) • **Lesson 22** – Analyze Two-Variable Relationships (4 days) • **Unit Review (1 day)** • **Unit 5 Assessment (1 day)** **Unit 6 Positive & Negative Numbers (~ 9/23 days)** • **Lesson 23** – Understand Positive & Negative Numbers (3 days) • **Lesson 24** – Order Positive & Negative Numbers (3 days) • **Lesson 25** – Understand Absolute Value (3 days)	**Unit 6 Positive & Negative Numbers (~14/23 days)** • **Lesson 26** – Write & Graph One-Variable Inequalities (5 days) • **Lesson 27** – Understand Four Quadrant Coordinate Plane (3 days) • **Lesson 28** – Solve Problems In the Coordinate Plane (4 days) • **Unit Review (1 day)** • **Unit 6 Assessment (1 day)** • **NYS CBT window – April 6 -May 15** **Unit 7 Statistical Thinking (~32 days)** • **Lesson 29*** – Understand Statistical Questions& Data Distributions (3 days) • **Random Samples** – Activity (3 days) • **Lesson 30** – Use Dot Plots &Histograms to Describe Data Distributions (4 days) • **Lesson 31*** – Interpret Median & IQR (4 days) • **Lesson 32*** – Interpret Mean & MAD (4 days) • **Lesson 33*** – Use Measures of Center & Variability to Summarize Data (3 days) • **Probability Concepts** – Activity (3 days) • **Experimental Probability** – Activity (4 days) • **Probability Models** – Activity (4 days) **Diagnostic 3**
Notes: ❖ * Educator Note	**Notes:** ❖ Will continue Unit 6 in next trimester.	**Notes:** ❖ Unit 7 - *Educator Notes and NYS Enhancements
Trimester 1 Report Card Objectives • Solve real-world and mathematical problems involving area, surface area, and volume (NY-6.G.1,2,4) • Apply and extend previous understanding of multiplication and division of fractions (NY-6.NS.1) • Fluently divides multidigit numbers (NY-6.NS.2) • Fluently compute decimal operations using standard algorithms (NY-6.NS.3) • Write and evaluate numerical expressions involving whole number exponents (NY-6.EE.1)	**Trimester 2 Report Card Objectives** • Understand the concept of unit rate (NY-6.RP.2) • Use Ratio and Rate Reasoning to solve real world problems and find a percent of a quantity as rate per 100 (NY-6.RP.3, 3c) • Use equations to solve real-world problems (NY-6.EE.7) • Represent & analyze the relationship between independent and dependent variables (NY-6.EE.9) • Apply the properties of operations to generate equivalent expressions (NY-6.EE.3)	**Trimester 3 Report Card Objectives** • Use inequalities to solve real world problems. (NY-6.EE.8) • Write, interpret and explain ordering of rational numbers (NY-6.NS.7b) • Understand the absolute value of a rational number is its distance from 0 on a number line. (NY-6.NS.7c) • Solve problems by graphing points on the coordinate plane (NY-6.NS.8) • Draw polygons in the coordinate plane & use coordinates to find side lengths (NY-6.G.3)