GRADE 6 MATH | YEAR AT A GLANCE

2026–2027 • LUISA DESSUS CRUZ MS 302 • WARRIORS

AMPLIFY DESMOS MATH • EXPLORE • REASON • EXPLAIN



UNIT 1 Area and Surface Area

START: Sep 18, 2026 END: Oct 9, 2026

END-OF-UNIT ASSESSMENT: Oct 9, 2026

Find area of polygons and surface area of three-dimensional figures.

ESSENTIAL QUESTION

How can we measure and describe space?

UNIT 2 Introducing Ratios

START: Oct 13, 2026 END: Nov 11, 2026

END-OF-UNIT ASSESSMENT: Nov 11, 2026

Compare quantities and represent equivalent ratios in different ways.

ESSENTIAL QUESTION

How do ratios help us compare quantities?

UNIT 3 Unit Rates and Percentages

START: Nov 13, 2026 END: Dec 11, 2026

END-OF-UNIT ASSESSMENT: Dec 11, 2026

Use unit rates and percentages to solve everyday problems.

ESSENTIAL QUESTION

How can rates and percents guide decisions?

UNIT 4 Dividing Fractions

START: Dec 14, 2026 END: Jan 22, 2027

END-OF-UNIT ASSESSMENT: Jan 22, 2027

Interpret and solve problems involving division of fractions.

ESSENTIAL QUESTION

What does it mean to divide by a fraction?

UNIT 5 Decimal Arithmetic

START: Jan 26, 2027 END: Mar 5, 2027

END-OF-UNIT ASSESSMENT: Mar 5, 2027

Compute with decimals and apply operations in context.

ESSENTIAL QUESTION

How do decimal operations help us solve problems?

UNIT 6 Expressions & Equations

START: Mar 8, 2027 END: Apr 2, 2027

END-OF-UNIT ASSESSMENT: Apr 2, 2027

Write, interpret, and solve expressions and equations.

ESSENTIAL QUESTION

How can symbols represent relationships?

UNIT 7 Positive & Negative Numbers

START: Apr 6, 2027 END: Apr 22, 2027

END-OF-UNIT ASSESSMENT: Apr 22, 2027

Represent and compare signed numbers on number lines and coordinate planes.

ESSENTIAL QUESTION

How do numbers describe opposite directions?

UNIT 8 Describing Data

START: May 10, 2027 END: Jun 23, 2027

END-OF-UNIT ASSESSMENT: Jun 23, 2027

Summarize distributions and interpret statistical displays.

ESSENTIAL QUESTION

How can data help us understand variation?

HOW FAMILIES CAN SUPPORT LEARNING

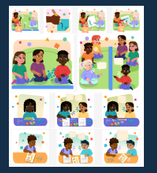
Ask your child to explain a strategy and connect math to daily life.

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GRADE 7 MATH | YEAR AT A GLANCE

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UNIT 1 Scale Drawings

START: Sep 7, 2026 END: Oct 7, 2026

END-OF-UNIT ASSESSMENT: Oct 7, 2026

Use scale factors and scale drawings to represent real objects.

ESSENTIAL QUESTION

How can a drawing represent something larger or smaller?

UNIT 2 Proportional Relationships

START: Oct 8, 2026 END: Nov 2, 2026

END-OF-UNIT ASSESSMENT: Nov 2, 2026

Identify and represent proportional relationships with tables, graphs and equations.

ESSENTIAL QUESTION

How do we recognize a constant rate?

UNIT 4 Percentages

START: May 11, 2027 END: May 11, 2027

END-OF-UNIT ASSESSMENT: May 11, 2027

Solve percent problems using proportional reasoning.

ESSENTIAL QUESTION

How can percentages describe change?

UNIT 5 Rational Number Arithmetic

START: May 12, 2027 END: May 12, 2027

END-OF-UNIT ASSESSMENT: May 12, 2027

Operate with positive and negative rational numbers.

ESSENTIAL QUESTION

How do signed numbers behave in calculations?

UNIT 6 Equations & Inequalities

START: May 13, 2027 END: May 24, 2027

END-OF-UNIT ASSESSMENT: May 24, 2027

Write and solve equations and inequalities in context.

ESSENTIAL QUESTION

How can an unknown quantity be represented?

UNIT 8 Probability & Sampling

START: May 28, 2027 END: Jun 24, 2027

END-OF-UNIT ASSESSMENT: Jun 24, 2027

Explore chance, samples and inferences about populations.

ESSENTIAL QUESTION

How can samples help us make predictions?

UNIT 3 Geometry

START: May 10, 2027 END: May 10, 2027

END-OF-UNIT ASSESSMENT: May 10, 2027

Reason about geometric figures and their measurements.

ESSENTIAL QUESTION

How do shapes and measurements relate?

UNIT 7 Angles, Triangles & Prisms

START: May 27, 2027 END: May 27, 2027

END-OF-UNIT ASSESSMENT: May 27, 2027

Explore angle relationships, triangles and three-dimensional figures.

ESSENTIAL QUESTION

How can geometric relationships solve problems?

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GRADE 8 MATH | YEAR AT A GLANCE

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UNIT 1 Rigid Transformations

START: Sep 18, 2026 END: Oct 13, 2026

END-OF-UNIT ASSESSMENT: Oct 13, 2026

Translate, rotate and reflect figures; investigate congruence.

ESSENTIAL QUESTION

What changes—and stays the same—when figures move?

UNIT 2 Dilations & Similarity

START: Oct 14, 2026 END: Nov 2, 2026

END-OF-UNIT ASSESSMENT: Nov 2, 2026

Use dilations and angle relationships to explore similar figures.

ESSENTIAL QUESTION

How can figures have the same shape at different sizes?

UNIT 3 Linear Relationships

START: Nov 4, 2026 END: Nov 30, 2026

END-OF-UNIT ASSESSMENT: Nov 30, 2026

Connect graphs, equations and rates of change.

ESSENTIAL QUESTION

How do we describe a constant rate of change?

UNIT 4 Linear Equations

START: Dec 2, 2026 END: Dec 14, 2026

END-OF-UNIT ASSESSMENT: Dec 14, 2026

Solve linear equations and analyze their solutions.

ESSENTIAL QUESTION

How can equations model unknown quantities?

UNIT 5 Functions & Volume

START: Dec 16, 2026 END: Jan 19, 2027

END-OF-UNIT ASSESSMENT: Jan 19, 2027

Interpret functions and investigate volumes of solids.

ESSENTIAL QUESTION

How can rules and measurements describe patterns?

UNIT 6 Associations in Data

START: Jan 21, 2027 END: Feb 4, 2027

END-OF-UNIT ASSESSMENT: Feb 4, 2027

Use scatter plots to explore relationships in paired data.

ESSENTIAL QUESTION

What can a pattern in data tell us? FOCUS • Transformations Review; Exponents FEB–MAR; JUN • PACING WINDOW Revisit transformations; work with powers and scientific notation. ESSENTIAL QUESTION How can

UNIT 8 Pythagorean Theorem & Irrational Numbers

START: Mar 15, 2027 END: Apr 7, 2027

END-OF-UNIT ASSESSMENT: Apr 7, 2027

Explore square roots and apply the Pythagorean theorem.

ESSENTIAL QUESTION

How can we find an unknown distance?

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