Year-At-A-Glance
Advanced Math 6

Bentonville Schools

Quarter 1

Key Ideas

- Reasoning to Find Area
- Parallelograms
- Triangles and Other Polygons
- Surface Area
- What Are Rations?
- Representing Equivalent Ratios
- Part-Part-Whole Ratios
- Units of Measurement and Unit Conversion
- Rates
- Percentages

Essential Standards

- 6.GM.1
- 6.PR.4
- 6.NCC.5
- 6.GM.1

Key Concepts

- 6.PR.1
- 6.PR.2
- 6.PR.3
- 6.PR.4

Quarter 2

Key Ideas

- Making Sense of Division
- Dividing Fractions
- Fractions in Lengths, Areas, and Volumes
- Adding, Subtracting, and Multiplying Decimals
- Dividing Decimals
- Equations in One Variable

Essential Standards

- 6.NCC.7
- 6.GM.1

Key Concepts

- 6.NCC.6
- 6.NCC.7

Quarter 3

Key Ideas

- Equal and Equivalent
- Expressions with Exponents
- Representing Proportional Relationships with Equations
- Comparing Proportional and Nonproportional Relationships
- Representing Proportional Relationships with Graphs
- Circumference of a Circle
- Area of a Circle

Essential Standards

- 6.ALG.3
- 6.ALG.7
- 6.PR.4
- 7.PR.6
- 7.PR.7
- 7.PR.4

Key Concepts

- 6.ALG.3
- 6.ALG.7
- 6.PR.4
- 6.ALG.4
- 6.ALG.5
- 6.PR.1
- 6.PR.2
- 7.PR.6
- 7.PR.7
- 7.PR.1
- 7.PR.2

Quarter 4

Key Ideas

- Negative Numbers and Absolute Value
- Adding and Subtracting Rational Numbers
- The Coordinate Plane
- Multiplying and Dividing Rational Numbers
- Four Operations with Rational Numbers
- Data, Variability, and Statistical Questions
- Dot Plots and Histograms
- Measure of Center and Variability
- Sampling
- Probability

Essential Standards

- 6.NCC.3
- 6.GM.4
- 7.NCC.6
- 7.NCC.9
- 6.SP.2

Key Concepts

- 6.NCC.3
- 7.NCC.6
- 7.NCC.9
- 6.NCC.1
- 6.NCC.2
- 6.NCC.4

Arkansas Math Standards: https://dese.ade.arkansas.gov/admin/Files/AR_2023_K-8,_Alg,_Geo_Math_Standards_LS_6.21.23_LS.pdf