

FSSD Syllabus for Math

7th Grade

Instructional pacing guides for English language arts, mathematics, science, and social studies are available online at the FSSD website, which conveys detailed information by quarter. Please access these instructional resources at fssd.org/teacher-information/curriculum/

1st Quarter

Standards/Objectives: goo.gl/QwhShp

7.NS.A.1a, 7.NS.A.1b, 7.NS.A.1c, 7.NS.A.1d, 7.NS.A.2a, 7.NS.A.2b, 7.NS.A.2c, 7.NS.A.2d

Topics covered:

- Adding Integers and Rational Numbers
- Subtracting Integers and Rational Numbers
- Multiplying Integers and Rational Numbers
- Dividing Integers and Rational Numbers
- Terminating and Repeating Decimals

Major assignments:

- 1) Unit Benchmark Assessment
- 2) Lesson Assessments

Field trips (if applicable): N/A

2nd Quarter

Standards/Objectives: goo.gl/QwhShp

7.EE.B.3, 7.NS.A.3, 7.RP.A.1, 7.RP.A.2a, 7.RP.A.2b, 7.RP.A.2c, 7.RP.A.2d, 7.RP.A.3, 7.EE.A.1, 7.EE.A.2

Topics covered:

- Problems with Rational Numbers
- Ratios Involving Complex Fractions
- Proportional Relationships
- Equations for Proportional Relationships
- Problem Solving with Proportional Relationships
- Equivalent Linear Expressions
- Writing Linear Expressions

Major assignments:

- 1) Unit Benchmark Assessment

- 2) Lesson Assessments
- 3) Mid-Term Exam

Field trips (if applicable): N/A

3rd Quarter

Standards/Objectives: {goo.gl/QwhShp}

7.EE.B.3a, 7.EE.3b, 7.EE.B.4a, 7.EE.B.4b, 7.G.B.4, 7.G.A.2, 7.G.B.5, 7.G.B.3, 7.G.A.1, 7.RP.A.1

Topics covered:

- Solve Problems with Equations
- Solve Problems with Inequalities
- Problem Solving with Angles
- Understand Conditions for Drawing Triangles
- Area of Composite Figures
- Area and Circumference of a Circle
- Scale Drawings
- Volumes of Solids

Major assignments:

- 1) Unit Benchmark Assessment
- 2) Lesson Assessments

Field trips (if applicable): N/A

4th Quarter

Standards/Objectives: {goo.gl/QwhShp}

7.G.B.5, 7.SP.A.1, 7.SP.A.2, 7.SP.B.3, 7.SP.B.4, 7.SP.C.5, 7.SP.C.6, 7.SP.C.7a, 7.SP.C.7b, 7.SP.D.8a,
7.SP.D.8b

Topics covered:

- Surface Area of Solids
- Understand Random Samples
- Making Statistical Inferences
- Find Measures of Center and Variability
- Use Measure of Center and Variability to Compare Data
- Understand Probability Concepts
- Experimental Probability

- Probability Models
- Summarize Data Sets

Major assignments:

- 1) Unit Benchmark Assessment
- 2) Lesson Assessments
- 3) Final Course Exam

Field trips (if applicable): N/A

*For students who have IEPs, please refer to their specific goals.

Procedures for Parental Access for Instructional Materials:

1) Many instructional materials can be accessed digitally via the FSSD website (fssd.org) using your student's unique username and password.

- a. [Student Resources](#): FSSD website > Parents & Students > Parent Information > Online Resources > Student
- b. [Parent Resources](#): FSSD website > Parents & Students > Parent Information > Online Resources > Parent

2) If additional information is needed regarding instructional materials, a written request may be submitted to your child's teacher. Instructional material review is included in [Board Policy 4.400](#).