

# FSSD Syllabus for Math FMS

Freedom Middle School

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/](http://fssd.org/teacher-information/curriculum/)

## 1<sup>st</sup> Quarter

Standards/Objectives: {[http://tn.gov/assets/entities/education/attachments/std\\_math\\_gr\\_7.pdf](http://tn.gov/assets/entities/education/attachments/std_math_gr_7.pdf)}

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, 7.EE.B.3, 7.NS.A.3, 7.RP.A.1

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
- Problem Solving with Rational Numbers
- Ratios with Complex Fractions

Major assignments:

- 1) Unit Benchmark Assessment
- 2) Lesson Assessments

Field trips (if applicable): N/A

## 2<sup>nd</sup> Quarter

Standards/Objectives: {[http://tn.gov/assets/entities/education/attachments/std\\_math\\_gr\\_7.pdf](http://tn.gov/assets/entities/education/attachments/std_math_gr_7.pdf)}

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, 7.EE.B.3, 7.EE.B.4a, 7.EE.B.4b

Topics covered:

- Proportional Relationships
- Equations for Proportional Relationships
- Problem Solving with Proportional Relationships
- Equivalent Linear Expressions
- Writing Linear Expressions

- Solve Problems with Equations
- Solve Problems with Inequalities

Major assignments:

- 1) Unit Benchmark Assessment
- 2) Lesson Assessments
- 3) Mid-Term Exam

Field trips (if applicable): N/A

### 3<sup>rd</sup> Quarter

Standards/Objectives: {[http://tn.gov/assets/entities/education/attachments/std\\_math\\_gr\\_7.pdf](http://tn.gov/assets/entities/education/attachments/std_math_gr_7.pdf)}

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.C.8a, 7.SP.C.8b, 7.SP.C.8c

Topics covered:

- Probability Concepts
- Experimental Probability
- Probability Models
- Probability of Compound Events
- Random Samples
- Statistical Inferences
- Mean Absolute Deviation to Compare Data
- Measures of Center and Variability to Compare Data

Major assignments:

- 1) Unit Benchmark Assessment
- 2) Lesson Assessments

Field trips (if applicable): N/A

### 4<sup>th</sup> Quarter

Standards/Objectives: {[http://tn.gov/assets/entities/education/attachments/std\\_math\\_gr\\_7.pdf](http://tn.gov/assets/entities/education/attachments/std_math_gr_7.pdf)}

7.G.B.5, 7.G.A.2, 7.G.A.3, 7.G.B.6, 7.G.B.4, 7.G.A.1, 7.RP.A.1, 7.G.B.6

Topics covered:

- Problem Solving with Angles
- Conditions for Triangles

- Area of Composite Figures
- Area and Circumference of Circles
- Scale Drawing
- Volume of Solids
- Surface Area of Solids
- Plane Sections of Prisms and Pyramids

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](http://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](#).