



6th Grade Math

St. Joseph Public Schools

Curriculum

2013 - 2014

Year at a Glance

Name of Unit	Learning Goals	Knowledge & Skills
• Ratio's and Unit Rates	•	•
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•	•	•
•	•	•
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•	•	•
•	•	•

Unit 1: Ratios and Unit Rates

Unit overview: (Narrative description of unit purpose)

In Module 1, students build on their prior work in measurement and in multiplication and division as they study the concepts and language of ratios and unit rates. They use proportional reasoning to solve problems. In particular, students solve ratio and rate using manipulatives, tables of equivalent ratios, double number line diagrams, and equations. They plot pairs of values generated from a ratio or rate on the first quadrant of the coordinate plane.

Learning Goals:

- Represent relationships between two quantities using tables and graphs
- Create 2 ratios that describe the same relationship including percents and measurement unit conversions
- Use rates to describe changes in real life problems (unit price/constant speed)

Instructional Strategies and Structures:

Hands-on use of ratios in real-world context

Manipulatives to compare rate/ratio

Comparing (Note: Compare means compare AND contrast)

Technology integration

Exit Slips

Time Span: (Length of Unit)

6 weeks (estimated)



Assessment: (Methods used for formative and summative)

Common semester

Exit Slips

Homework



Unit 1:

Common Core State Standards
6.RP.1

6.RP.1

Unit 2: Title

Unit overview: (Narrative description of unit purpose)

Learning Goals:

Instructional Strategies and Structures:

Time Span: (Length of Unit)

Assessment: (Methods used for formative and summative)

Unit 2:

Common Core State Standards or
Michigan Content Expectations

Unit 3: Title

Unit overview: (Narrative description of unit purpose)

Learning Goals:

Instructional Strategies and Structures:

Time Span: (Length of Unit)

Assessment: (Methods used for formative and summative)



Unit 3:

Common Core State Standards or Michigan Content Expectations

Unit 4: Title

Unit overview: (Narrative description of unit purpose)

Learning Goals:

Instructional Strategies and Structures:

Time Span: (Length of Unit)

Assessment: (Methods used for formative and summative)

Unit 4:

Common Core State Standards or
Michigan Content Expectations

Unit 5: Title

Unit overview: (Narrative description of unit purpose)

Learning Goals:

Instructional Strategies and Structures:

Time Span: (Length of Unit)

Assessment: (Methods used for formative and summative)

Unit 5:

Common Core State Standards or
Michigan Content Expectations

Unit 6: Title

Unit overview: (Narrative description of unit purpose)

Learning Goals:

Instructional Strategies and Structures:

Time Span: (Length of Unit)

Assessment: (Methods used for formative and summative)

Unit 6:

Common Core State Standards or
Michigan Content Expectations

Unit 7: Title

Unit overview: (Narrative description of unit purpose)

Learning Goals:

Instructional Strategies and Structures:

Time Span: (Length of Unit)

Assessment: (Methods used for formative and summative)



Unit 7:

Common Core State Standards or Michigan Content Expectations

Unit 8: Title

Unit overview: (Narrative description of unit purpose)

Learning Goals:

Instructional Strategies and Structures:

Time Span: (Length of Unit)

Assessment: (Methods used for formative and summative)

Unit 8:

Common Core State Standards or
Michigan Content Expectations