# MATH PACING GUIDE
## 7th Grade

| FIRST QUARTER | | |
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| **Lesson(s) GO Math** | **Pacing** | **Topics** |
| **Back to School** | 1 week | • **Routines**<br>• **Procedures**<br>• **Expectations**<br>• **Technology** |
| **Unit 1 Module 1** | 2 weeks | • **Add integers**<br>• **Subtract integers**<br>• **Add and Subtract integers in real-world situations** |
| **Unit 1 Module 2** | 2 weeks | • **Multiply integers**<br>• **Divide integers**<br>• **Multiply and Divide integers in real-world situations** |
| **Unit 1 Module 3** | 3 weeks | • **Converting rational numbers and decimals**<br>• **Add, subtract, multiply, and divide rational numbers in real-world problems** |
| **Unit 1 Review** | 1 week | • **Converting rational numbers and decimals**<br>• **Add, subtract, multiply, and divide rational numbers in real-world problems** |

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| SECOND QUARTER | | |
|---|---|---|
| **Lesson(s) GO Math** | **Pacing** | **Topics** |
| **Unit 3 Module 6 & 7** | **3.5 weeks** | • **Expressions**<br>• **Writing and solving one and two Step Equations and Inequalities** |
| **Unit 2 Module 4** | **1.5 weeks** | • **Unit rates**<br>• **Constant rate of change**<br>• **Proportional relationships and graphs** |
| **Unit 2 Module 5** | **2 weeks** | • **Percent increase and decrease**<br>• **Rewriting percent expressions**<br>• **Applications of percent** |
| **Unit 2 and 3 Review** | **1 week** | • **Unit rates**<br>• **Constant rate of change**<br>• **Proportional relationships and graphs**<br>• **Percent increase and decrease**<br>• **Rewriting percent expressions**<br>• **Applications of percent**<br>• **Expressions**<br>• **Writing and solving one and two Step Equations and Inequalities** |

| THIRD QUARTER | | |
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| **Lesson(s) GO Math** | **Pacing** | **Topics** |
| **Unit 4 Module 8** | **2 weeks** | • **Scale factor**<br>• **Scale drawings**<br>• **Triangle conditions**<br>• **Angle relationships** |
| **Unit 4 Module 9** | **3 weeks** | • **Circumference/Area of Circles**<br>• **Area of composite shapes**<br>• **Surface area**<br>• **volume** |
| **Unit 5 Module 10** | **1 week** | • **Populations**<br>• **Samples** |
| **Unit 5 Module 11** | **1 week** | • **Comparing data in box plots**<br>• **Comparing data in dot plots**<br>• **Compare populations** |
| **Unit 6 Module 13** | **1 week** | • **Theoretical probability** |
| **Unit 6 Module 12** | **1 week** | • **Experimental probability** |
| **Unit 4, 5, and 6 Review** | **1 week** | • **Geometry**<br>• **Statistics**<br>• **Probability** |

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| FOURTH QUARTER | | |
|---|---|---|
| **Lesson(s) GO Math** | **Pacing** | **Topics** |
| **NS Standards Review** | **1 week** | • **Operations with rational numbers**<br>• **Operations with rational numbers in real-world problems** |
| **RP Standards Review** | **1 week** | • **Proportionality with graphs**<br>• **Unit rates**<br>• **Percents** |
| **EE Standards Review** | **1 week** | • **Writing & solving two-step equations and inequalities** |
| **G & SP Standards Review** | **1 week** | • **Scale Factor**<br>• **Triangle conditions**<br>• **Angle relationships**<br>• **Area, Surface Area & Volume**<br>• **Box & Dot plots**<br>• **Theoretical & Experimental probability** |
| **TCAP** | **3 weeks** | **TCAP testing will approximately last 2-3 weeks** |
| **8th grade: Unit 1 Module 1** | **1 week** | • **Rational & Irrational numbers** |
| **8th grade: Unit 2 Module 3** | **1 week** | • **Proportional relationships with rate of change and slope** |