

## Honors 6th Grade Math Pacing Guide: Holt McDougal

<b>MP 1: Week 1</b> <b>5 days</b>	<b>Problem Solving Strategies/Getting to Know You Project</b> *Mathematical Practices (MP) 1-7
<b>MP 1: Weeks 2-3</b> <b>5-10 days</b>	<b>Chapter 1: Operations and Properties</b> 6.NS.2, 6.EE.1, 6.EE.2, 6.EE.2c, 6.EE.3, 6.NS.4
<b>MP 1: Weeks 4-6</b> <b>10-15 days</b>	<b>Chapter 2: Introduction to Algebra (Add Two-Step Equations (7th))</b> 6.EE.2, 6.EE.3, 6.EE.5, 6.EE.6, 6.EE.7, 7.EE.4
<b>MP 1: Weeks 7-9</b> <b>10-15 days</b>	<b>Chapter 9: Integers and the Coordinate Plane (Combined with Chapter 2 (7th): Integers and Rational Numbers)</b> 6.NS.5, 6.NS.6, 6.NS.7, 6.G.3, 6.NS.8, 7.NS.1, 7.NS.2
<b>MP 1: Weeks 10-11</b> <b>5-10 Days</b>	<b>Chapter 3: Decimals (Add Negative Decimal Operations (7th))</b> 6.NS.3, 6.EE.7, 7.NS.2
<b>MP 2: Weeks 1-2</b> <b>10 Days</b>	<b>Project Based Learning: Vacation Project</b> 6.NS, MP 1-7
<b>MP 2: Weeks 3-4</b> <b>5-10 Days</b>	<b>Chapter 4: Number Theory and Fractions</b> 6.NS.4, 6.EE.4, 6.NS.7
<b>MP 2: Weeks 5-6</b> <b>5-10 Days</b>	<b>Chapter 5: Fraction Operations (Add Negative Fractions: Chapter 3 (7th): Applying Rational Numbers)</b> 6.NS.4, 6.EE.7, 6.NS.1, 7.NS.1, 7.NS.2, 7.NS.3, 7.EE.4
<b>MP 2: Week 7</b> <b>5 Days</b>	<b>Common Assessment I (Review &amp; Midterm)</b> <b>Chapters 1,2,9,3,&amp;4</b>
<b>MP 2: Weeks 8-9</b> <b>5-10 Days</b>	<b>Chapter 7: Proportional Relationships (Add Percent &amp; Similar: Chapter 4 (7th) Proportional Relationships &amp; Ch.6: (7th): Percents)</b> 6.RP.2, 6.RP.3, 6.RP.1, 7.RP.2, 7.RP.3
<b>MP 2: Weeks 10-11</b> <b>10 Days</b>	<b>Project Based Learning: Restaurant Project</b> 6.RP, MP 1-7
<b>MP 3: Weeks 1-3</b> <b>10-15 Days</b>	<b>Chapter 8: Measurement &amp; Geometry (Add Geometry: Chapter 9 (7th): Measurement &amp; Geometry)</b> 6.RP.3, 6.G.1, 6.G.2, 6.G.4, 7.G.3, 7.G.4, 7.G.6
<b>MP 3: Weeks 4-6</b> <b>10-15 Days</b>	<b>Chapter 6: Data Collection &amp; Analysis (Add Stem &amp; Leaf, Line, Bar, &amp; Circle Graphs)</b> 6.SP.2, 6.SP.3, 6.SP.1, 6.SP.4, 6.SP.5

**MP 3: Weeks 7-8**  
**5-10 Days**

**Chapter 10: Functions**  
6.EE.9, 6.RP.3, 6.EE.8

**MP 3: Weeks 9-10**  
**5-10 Days**

**Chapter 10 (7th): Probability**  
7.SP.5, 7.SP.6, 7.SP.7, 7.SP.8

**MP 4: Weeks 1-4**  
**15-20 Days**

**Chapter 11 (7th): Multi-step Equations & Inequalities**  
7.EE.4

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**MP 4: Weeks 5-6**  
**10 Days**

**Project Based Learning: Career Project**  
6.RP, 6.NS, 6.EE, MP 1-7

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**MP 4: Week 7-8**  
**5-10 Days**

***Common Assessment II (Review & Final Exam)***  
***Chapters 7,8,6,& 10***

### **Recommended Resources**

- i.** Holt McDougal Mathematics Text and online resources (Common Core Edition)
- ii.** Google Platform
- iii.** Pizzazz for Middle School, Pre-Algebra, and Algebra
- iv.** Parcc Made Easy Workbooks
- v.** Parcc Website for Released Items
- vi.** Math Minutes
- vii.** Teachers Pay Teachers
- viii.** TenMarks
- ix.** IXL
- x.** Khan Academy
- xi.** Virtual Nerd
- xii.** Math Antics
- xiii.** Goal Book
- xiv.** Desmos
- xv.** Quizizz
- xvi.** Kahoot
- xvii.** BrainPop
- xviii.** Flocabulary
- xix.** Shmoop
- xx.** Super Teacher
- xxi.** Math Counts
- xxii.** Review Game Zone

## **Project Based Learning**

### **Major Projects**

1. Vacation Planning
2. Restaurant Development
3. Math Career

### **Mini Projects**

1. Dining at a restaurant
2. Planning a Party (Pick a theme)
3. Planning a Thanksgiving feast (Using a circular)
4. Ratios/rates at the supermarket
5. Tessellation stained glass
6. Creating a 4-quadrant picture graph (Graphiti)
7. Creating a polygon turkey
8. Creating a polygon object within a plane
9. Origami project
10. Geometric builds
11. Floor Geometry
12. Snail Race
13. Graphic Organizer for Math Properties