# Math in Focus®
## Singapore Math®
### by Marshall Cavendish®

HMH

# 2013 vs 2018 Copyright Comparison Grades 1-5

**International Results. Proven Pedagogy. Engaged Students.**

# Grade 1: *Math in Focus* © 2013 to © 2018 Content Comparison
\* Indicates an added Focus Lesson
Total Days are based on Chapter Planning Guides.

| Book A Chapters | Book A Chapters |
|---|---|
| **2013**<br>**Chapter 1: Numbers to 10**<br>Big Idea: Count and Compare Numbers to 10 | **2018**<br>**Chapter 1: Numbers to 10**<br>Big Idea: Count and Compare Numbers to 10 |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Counting to 10 | Lesson 1: Counting to 10 |
| Lesson 2: Comparing Numbers | Lesson 2: Comparing Numbers |
| Lesson 3: Making Number Patterns | Lesson 3: Making Number Patterns |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 9 | Total Days: 9 |
| | |
| **2013**<br>**Chapter 2: Number Bonds**<br>Big Idea: Number Bonds can be used to show parts and whole. | **2018**<br>**Chapter 2: Number Bonds**<br>Big Idea: Number Bonds can be used to show parts and whole. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Making Number Bonds | Lesson 1: Making Number Bonds |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 1 and 2 | Chapter Assessment; Cumulative Review for Chapters 1 and 2 |
| Total Days: 6 | Total Days: 6 |
| | |
| **2013**<br>**Chapter 3: Addition Facts to 10**<br>Big Idea: Addition can be used to find how many in all. | **2018**<br>**Chapter 3: Addition Facts to 10**<br>Big Idea: Addition can be used to find how many in all. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Ways to Add | Lesson 1: Ways to Add |
| Lesson 2: Making Addition Stories | Lesson 2: Making Addition Stories |
| Lesson 3: Real-World Problems: Addition | Lesson 3: Real-World Problems: Addition |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 9 | Total Days: 9 |

| 2013 | 2018 |
|---|---|
| **Chapter 4: Subtraction Facts to 10**<br>Big Idea: Subtraction can be used to find how many are left. | **Chapter 4: Subtraction Facts to 10**<br>Big Idea: Subtraction can be used to find how many are left. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Ways to Subtract | Lesson 1: Ways to Subtract |
| Lesson 2: Making Subtraction Stories | Lesson 2: Making Subtraction Stories |
| Lesson 3: Real-World Problems: Subtraction | Lesson 3: Real-World Problems: Subtraction |
| Lesson 4: Making Fact Families<br>Lesson 4.a: True and False Number Sentences* | Lesson 4: Making Fact Families-<br>True and False Number Sentences |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 3 and 4; Benchmark Assessment 1 for Chapters 1-4 | Chapter Assessment; Cumulative Review for Chapters 3 and 4; Benchmark Assessment 1 for Chapters 1-4 |
| Total Days: 10 | Total Days: 10 |

| 2013 | 2018 |
|---|---|
| **Chapter 5: Shapes and Patterns**<br>Big Idea: Explore, identify, and compare plane and solid shapes in patterns and in the real world. | **Chapter 5: Shapes and Patterns**<br>Big Idea: Explore, identify, and compare plane and solid shapes in patterns and in the real world. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Exploring Plane Shapes<br>Lesson 1.a: Exploring Plane Shapes* | Lesson 1: Exploring Plane Shapes |
| Lesson 2: Exploring Solid Shapes | Lesson 2: Exploring Solid Shapes |
| Lesson 3: Making Pictures and Models with Shapes | Lesson 3: Making Pictures and Models with Shapes |
| Lesson 4: Seeing Shapes Around Us | Lesson 4: Seeing Shapes Around Us |
| Lesson 5: Making Patterns with Plane Shapes | Lesson 5: Making Patterns with Plane Shapes |
| Lesson 6: Making Patterns with Solid Shapes | Lesson 6: Making Patterns with Solid Shapes |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 16 | Total Days: 15 |

| 2013 | 2018 |
|---|---|
| **Chapter 6: Ordinal Numbers and Position**<br>Big Idea: Numbers and words can be used to describe order and position. | **Chapter 6: Ordinal Numbers and Position**<br>Big Idea: Numbers and words can be used to describe order and position. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Ordinal Numbers | Lesson 1: Ordinal Numbers |
| Lesson 2: Position Words | Lesson 2: Position Words |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 5 and 6 | Chapter Assessment; Cumulative Review for Chapters 5 and 6 |
| Total Days: 7 | Total Days: 7 |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 7: Numbers to 20** Big Idea: Count, compare and order numbers to 20 | | **Chapter 7: Numbers to 20** Big Idea: Count, compare and order numbers to 20 |
| Chapter Opener Recall Prior Knowledge-Quick Check | | Chapter Opener Recall Prior Knowledge-Quick Check |
| Lesson 1: Counting to 20 | | Lesson 1: Counting to 20 |
| Lesson 2: Place Value | | Lesson 2: Place Value |
| Lesson 3: Comparing Numbers | | Lesson 3: Comparing Numbers |
| Lesson 4: Making Patterns and Ordering Numbers | | Lesson 4: Making Patterns and Ordering Numbers |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 10 | | Total Days: 10 |
| | | |
| **Chapter 8: Addition and Subtraction Facts to 20** Big Idea: Different strategies can be used to add and subtract. | | **Chapter 8: Addition and Subtraction Facts to 20** Big Idea: Different strategies can be used to add and subtract. |
| Chapter Opener Recall Prior Knowledge-Quick Check | | Chapter Opener Recall Prior Knowledge-Quick Check |
| Lesson 1: Ways to Add | | Lesson 1: Ways to Add |
| Lesson 2: Ways to Subtract | | Lesson 2: Ways to Subtract |
| Lesson 3: Real-World Problems: Addition and Subtraction Facts | | Lesson 3: Real-World Problems: Addition and Subtraction Facts |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 9 | | Total Days: 9 |
| | | |
| **Chapter 9: Length** Big Ideas: Compare the height and length of things. Measure with non-standard units to find length. | | **Chapter 9: Length** Big Ideas: Compare the height and length of things. Measure with non-standard units to find length. |
| Chapter Opener Recall Prior Knowledge-Quick Check | | Chapter Opener Recall Prior Knowledge-Quick Check |
| Lesson 1: Comparing Two Things | | Lesson 1: Comparing Two Things |
| Lesson 2: Comparing More Than Two Things | | Lesson 2: Comparing More Than Two Things |
| Lesson 3: Using a Start Line | | Lesson 3: Using a Start Line |
| Lesson 4: Measuring Things | | Lesson 4: Measuring Things |
| Lesson 5: Finding Length in Units | | Lesson 5: Finding Length in Units |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 7 to 9; Mid-Year Review; Mid-Year Test | | Chapter Assessment; Cumulative Review for Chapters 7 to 9; Mid-Year Review; Mid-Year Test |
| Total Days: 10 | | Total Days: 10 |
| | | |

| Book B Chapters | Book B Chapters |
|---|---|
| **2013** **Chapter 10: Weight** Big Idea: The weight of things can be compared and measured with non-standard units. | **2018** **Chapter 10: Weight** Big Idea: The weight of things can be compared and measured with non-standard units. |
| Chapter Opener Recall Prior Knowledge-Quick Check | Chapter Opener Recall Prior Knowledge-Quick Check |
| Lesson 1: Comparing Things | Lesson 1: Comparing Things |
| Lesson 2: Finding the Weight of Things | Lesson 2: Finding the Weight of Things |
| Lesson 3: Finding Weight in Units | Lesson 3: Finding Weight in Units |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 9 | Total Days: 9 |
| | |
| **2013** **Chapter 11: Picture Graphs and Bar Graphs** Big Idea: Picture graphs, tally charts, and bar graphs can be used to show data. | **2018** **Chapter 11: Picture Graphs and Bar Graphs** Big Idea: Picture graphs, tally charts, and bar graphs can be used to show data. |
| Chapter Opener Recall Prior Knowledge-Quick Check | Chapter Opener Recall Prior Knowledge-Quick Check |
| Lesson 1: Simple Picture Graphs | Lesson 1: Simple Picture Graphs |
| Lesson 2: More Picture Graphs | Lesson 2: More Picture Graphs |
| Lesson 3: Tally Charts and Bar Graphs | Lesson 3: Tally Charts and Bar Graphs |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 8 | Total Days: 8 |
| | |
| **2013** **Chapter 12: Numbers to 40** Big Idea: Count, compare, and order numbers from 1 to 40 | **2018** **Chapter 12: Numbers to 40** Big Idea: Count, compare, and order numbers from 1 to 40 |
| Chapter Opener Recall Prior Knowledge-Quick Check | Chapter Opener Recall Prior Knowledge-Quick Check |
| Lesson 1: Counting to 40 | Lesson 1: Counting to 40 |
| Lesson 2: Place Value | Lesson 2: Place Value |
| Lesson 3: Comparing, Ordering and Patterns | Lesson 3: Comparing, Ordering and Patterns |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 7 | Total Days: 7 |
| | |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 13: Addition and Subtraction to 40**<br>Big Idea: Whole numbers can be added and subtracted with or without regrouping. | | **Chapter 13: Addition and Subtraction to 40**<br>Big Idea: Whole numbers can be added and subtracted with or without regrouping. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Addition Without Regrouping | | Lesson 1: Addition Without Regrouping |
| Lesson 2: Addition with Regrouping | | Lesson 2: Addition with Regrouping |
| Lesson 3: Subtraction Without Regrouping | | Lesson 3: Subtraction Without Regrouping |
| Lesson 4: Subtraction with Regrouping | | Lesson 4: Subtraction with Regrouping |
| Lesson 5: Adding Three Numbers | | Lesson 5: Adding Three Numbers |
| Lesson 6: Real-World Problems: Addition and Subtraction | | Lesson 6: Real-World Problems: Addition and Subtraction |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 10 to 13 | | Chapter Assessment; Cumulative Review for Chapters 10 to 13 |
| Total Days: 11 | | Total Days: 11 |
| **2013**<br>**Chapter 14: Mental Math Strategies**<br>Big Idea: Number Bonds help you to add and subtract mentally. | | **2018**<br>**Chapter 14: Mental Math Strategies**<br>Big Idea: Number Bonds help you to add and subtract mentally. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Mental Addition | | Lesson 1: Mental Addition |
| Lesson 2: Mental Subtraction | | Lesson 2: Mental Subtraction |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 7 | | Total Days: 7 |
| | | |
| **2013**<br>**Chapter 15: Calendar and Time**<br>Big Idea: Calendars are used to show days, weeks, and months of a year. Clocks are used to read time of the day. | | **2018**<br>**Chapter 15: Calendar and Time**<br>Big Idea: Calendars are used to show days, weeks, and months of a year. Clocks are used to read time of the day. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Using a Calendar | | Lesson 1: Using a Calendar |
| Lesson 2: Telling Time to the Hour-Analog<br>Lesson 2.a: Telling Time to the Hour-Digital | | Lesson 2: Telling Time to the Hour-Analog and Digital |
| Lesson 3: Telling Time to the Half Hour-Analog<br>Lesson 3.a: Telling Time to the Half Hour-Digital | | Lesson 3: Telling Time to the Half Hour-Analog and Digital |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 14 and 15; Benchmark Assessment 2 for Chapters 10 to 15 | | Chapter Assessment; Cumulative Review for Chapters 14 and 15; Benchmark Assessment 2 for Chapters 10 to 15 |
| Total Days: 9 | | Total Days: 9 |
| | | |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 16: Numbers to 100**<br>Big Idea: Count, compare, and order numbers from 1 to 100. | | **Chapter 16: Numbers to 120**<br>Big Idea: Count, compare, and order numbers from 1 to 120. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Counting to 100 | | Lesson 1: Counting to 120 |
| Lesson 2: Place Value | | Lesson 2: Place Value |
| Lesson 3: Comparing, Ordering, and Patterns<br>Lesson 3.a: Comparing, Ordering and Patterns | | Lesson 3: Comparing, Ordering, and Patterns |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 10 | | Total Days: 9 |
| | | |
| **Chapter 17: Addition and Subtraction to 100**<br>Big Idea: Numbers to 100 can be added and subtracted with and without regrouping. | | **Chapter 17: Addition and Subtraction to 100**<br>Big Idea: Numbers to 100 can be added and subtracted with and without regrouping. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Addition Without Regrouping | | Lesson 1: Addition Without Regrouping |
| Lesson 2: Addition with Regrouping | | Lesson 2: Addition with Regrouping |
| Lesson 3: Subtraction Without Regrouping | | Lesson 3: Subtraction Without Regrouping |
| Lesson 4: Subtraction with Regrouping | | Lesson 4: Subtraction with Regrouping |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 16 and 17 | | Chapter Assessment; Cumulative Review for Chapters 16 and 17 |
| Total Days: 8 | | Total Days: 8 |
| | | |
| **Chapter 18: Multiplication and Division**<br>Big Idea: Multiplying is the same as adding equal groups. Dividing is the same as sharing things equally or putting things into equal groups. | | **Chapter 18: Getting Ready for Multiplication and Division**<br>Big Idea: Multiplying is the same as adding equal groups. Dividing is the same as sharing things equally or putting things into equal groups. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Adding the Same Number | | Lesson 1: Adding the Same Number |
| Lesson 2: Sharing Equally | | Lesson 2: Sharing Equally |
| Lesson 3: Finding the Number of Groups | | Lesson 3: Finding the Number of Groups |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 7 | | Total Days: 7 |

| 2013<br>**Chapter 19: Money**<br>**Big Idea: Penny, nickel, dime, and quarter are coins that can be counted and exchanged. Money can be added and subtracted.** | 2018<br>**Chapter 19: Money**<br>**Big Idea: Penny, nickel, dime, and quarter are coins that can be counted and exchanged. Money can be added and subtracted.** |
|---|---|
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Penny, Nickel, and Dime | Lesson 1: Penny, Nickel, and Dime |
| Lesson 2: Quarter | Lesson 2: Quarter |
| Lesson 3: Counting Money | Lesson 3: Counting Money |
| Lesson 4: Adding and Subtracting Money<br>Problem Solving POYTC | Lesson 4: Adding and Subtracting Money<br>Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 18 and 19; End of Year Review; End of Year Test | Chapter Assessment; Cumulative Review for Chapters 18 and 19; End of Year Review; End of Year Test |
| Total Days: 9 | Total Days: 9 |

*Indicates an added Focus Lesson
Total Days are based on Chapter Planning Guides.

| Book A Chapters | Book A Chapters |
|---|---|
| **2013**<br>**Chapter 1: Numbers to 1,000**<br>Big Idea: Count and Compare Numbers to 1, 000. | **2018**<br>**Chapter 1: Numbers to 1,000**<br>Big Idea: Count and Compare Numbers to 1, 000. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Counting | Lesson 1: Counting |
| Lesson 2: Place Value | Lesson 2: Place Value |
| Lesson 3: Comparing Numbers | Lesson 3: Comparing Numbers |
| Lesson 4: Order and Pattern | Lesson 4: Order and Pattern |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 11 | Total Days: 11 |
| | |
| **2013**<br>**Chapter 2: Addition Up to 1, 000**<br>Big Idea: Three-digit numbers can be added with and without regrouping. | **2018**<br>**Chapter 2: Addition Up to 1, 000**<br>Big Idea: Three-digit numbers can be added with and without regrouping. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Addition Without Regrouping | Lesson 1: Addition and Subtraction Facts Within 20 |
| Lesson 2: Addition with Regrouping in Ones | Lesson 2: Addition Without Regrouping |
| Lesson 3: Addition with Regrouping in Tens | Lesson 3: Addition with Regrouping in Ones |
| Lesson 4: Addition with Regrouping in Ones and Tens | Lesson 4: Addition with Regrouping in Tens |
| | Lesson 5: Addition with Regrouping in Ones and Tens |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 9 | Total Days: 10 |
| | |

| 2013 | 2018 |
|---|---|
| **Chapter 3: Subtraction up to 1, 000**<br>Big Idea: Subtract up to three-digit numbers with and without regrouping. | **Chapter 3: Subtraction up to 1, 000**<br>Big Idea: Subtract up to three-digit numbers with and without regrouping. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Subtraction Without Regrouping | Lesson 1: Subtraction Without Regrouping |
| Lesson 2: Subtraction with Regrouping in Tens and Ones | Lesson 2: Subtraction with Regrouping in Tens and Ones |
| Lesson 3: Subtraction with Regrouping in Hundreds and Tens | Lesson 3: Subtraction with Regrouping in Hundreds and Tens |
| Lesson 4: Subtraction with Regrouping in Hundreds, Tens, and Ones | Lesson 4: Subtraction with Regrouping in Hundreds, Tens, and Ones |
| Lesson 5: Subtraction Across Zeroes | Lesson 5: Subtraction Across Zeroes |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 8 | Total Days: 8 |
| | |
| **2013**<br>**Chapter 4: Using Bar Models: Addition and Subtraction**<br>Big Idea: Addition and subtraction can be shown with bar models. | **2018**<br>**Chapter 4: Using Bar Models: Addition and Subtraction**<br>Big Idea: Addition and subtraction can be shown with bar models. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Using Part-Part-Whole in Addition and Subtraction | Lesson 1: Using Part-Part-Whole in Addition and Subtraction |
| Lesson 2: Adding On and Taking Away Sets | Lesson 2: Adding On and Taking Away Sets |
| Lesson 3: Comparing Two Sets | Lesson 3: Comparing Two Sets |
| Lesson 4: Real-World Problems: Two-Step Problems | Lesson 4: Real-World Problems: Two-Step Problems |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 1 to 4 | Chapter Assessment; Cumulative Review for Chapters 1 to 4 |
| Total Days: 10 | Total Days: 10 |
| | |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 5: Multiplication and Division**<br>Big Idea: Multiplication and division use equal groups. | | **Chapter 5: Multiplication and Division**<br>Big Idea: Multiplication and division use equal groups. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: How to Multiply | | Lesson 1: How to Multiply |
| Lesson 2: How to Divide<br>Lesson 2.a: Odd and Even Numbers* | | Lesson 2: How to Divide |
| Lesson 3: Real-World Problems: Multiplication and Division | | Lesson 3: Real-World Problems: Multiplication and Division |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 10 | | Total Days: 8 |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 6: Multiplication Tables of 2, 5, and 10**<br>Big Idea: Known multiplication facts can be used to find other multiplication and division facts. | | **Chapter 6: Multiplication Tables of 2, 5, and 10**<br>Big Idea: Known multiplication facts can be used to find other multiplication facts. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Multiplying 2: Skip-counting | | Lesson 1: Multiplying 2: Skip-counting |
| Lesson 2: Multiplying 2: Using Dot Paper | | Lesson 2: Multiplying 2: Using Dot Paper |
| Lesson 3: Multiplying 5: Skip-counting | | Lesson 3: Multiplying 5: Skip-counting |
| Lesson 4: Multiplying 5: Using Dot Paper | | Lesson 4: Multiplying 5: Using Dot Paper |
| Lesson 5: Multiplying 10: Skip-counting and Using Dot Paper | | Lesson 5: Multiplying 10: Skip-counting and Using Dot Paper |
| Lesson 6: Divide Using Related Multiplication Facts | | Lesson 6: Odd and Even Numbers |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 5 and 6; Benchmark Assessment 1 for Chapters 1 to 6 | | Chapter Assessment; Cumulative Review for Chapters 5 and 6; Benchmark Assessment 1 for Chapters 1 to 6 |
| Total Days: 13 | | Total Days: 12 |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 7: Metric Measurement of Length**<br>Big Idea: Centimeter rulers and metersticks can be used to measure and compare how long and how tall things are. | | **Chapter 7: Metric Measurement of Length**<br>Big Idea: Centimeter rulers and metersticks can be used to measure and compare how long and how tall things are. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Measuring in Meters | | Lesson 1: Measuring in Meters |
| Lesson 2: Comparing Lengths in Meters | | Lesson 2: Comparing Lengths in Meters |
| Lesson 3: Measuring in Centimeters | | Lesson 3: Measuring in Centimeters |
| Lesson 4: Comparing Lengths in Centimeters | | Lesson 4: Comparing Lengths in Centimeters |
| Lesson 5: Real-World Problems: Metric Length | | Lesson 5: Real-World Problems: Metric Length |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 9 | | Total Days: 9 |

| 2013<br>**Chapter 8: Mass**<br>**Big Idea: A scale can be used to measure and compare masses in kilograms and grams.** | 2018<br>**Chapter 8: Mass**<br>**Big Idea: A scale can be used to measure and compare masses in kilograms and grams** |
|---|---|
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Measuring in Kilograms | Lesson 1: Measuring in Kilograms |
| Lesson 2: Comparing Masses in Kilograms | Lesson 2: Comparing Masses in Kilograms |
| Lesson 3: Measuring in Grams | Lesson 3: Measuring in Grams |
| Lesson 4: Comparing Masses in Grams | Lesson 4: Comparing Masses in Grams |
| Lesson 5: Real-World Problems: Mass | Lesson 5: Real-World Problems: Mass |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 8 | Total Days: 8 |

| 2013<br>**Chapter 9: Volume**<br>Big Idea: Volume is the amount of liquid in a container. Liters can be used to measure volume. | 2018<br>**Chapter 9: Volume**<br>Big Idea: Volume is the amount of liquid in a container. Liters can be used to measure volume. |
|---|---|
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Getting to Know Volume | Lesson 1: Getting to Know Volume |
| Lesson 2: Measuring in Liters | Lesson 2: Measuring in Liters |
| Lesson 3: Real-World Problems: Volume | Lesson 3: Real-World Problems: Volume |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 7 to 9; Mid-Year Review; Mid-Year Test | Chapter Assessment; Cumulative Review for Chapters 7 to 9; Mid-Year Review; Mid-Year Test |
| Total Days: 8 | Total Days: 8 |

| **Book B Chapters** | **Book B Chapters** |
|---|---|
| 2013<br>**Chapter 10: Mental Math and Estimation**<br>Big Idea: Mental math can be used when an exact answer is needed. Estimation can be used when an exact answer is not needed. | 2018<br>**Chapter 10: Mental Math and Estimation**<br>Big Idea: Mental math can be used when an exact answer is needed. Estimation can be used when an exact answer is not needed. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Meaning of Sum | Lesson 1: Meaning of Sum |
| Lesson 2: Mental Addition | Lesson 2: Mental Addition |
| Lesson 3: Meaning of Difference | Lesson 3: Meaning of Difference |
|  |  |
| Lesson 4: Mental Subtraction | Lesson 4: Mental Subtraction |
| Lesson 5: Rounding Numbers to Estimate | Lesson 5: Rounding Numbers to Estimate |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 11 | Total Days: 11 |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 11: Money**<br>Big Idea: Money amounts can be shown and counted using bills and coins. | | **Chapter 11: Money**<br>Big Idea: Money amounts can be shown and counted using bills and coins. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Coins and Bills | | Lesson 1: Coins and Bills |
| Lesson 2: Comparing Amounts of Money | | Lesson 2: Comparing Amounts of Money |
| Lesson 3: Real-World Problems: Money<br>Lesson 3.a: Real-World Problems: Money* | | Lesson 3: Real-World Problems: Money |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 9 | | Total Days: 9 |
| | | |
| **Chapter 12: Fractions**<br>Big Idea: Fractions can be used to describe how equal parts are related to a whole. | | **Chapter 12: Fractions**<br>Big Idea: Fractions can be used to describe how equal parts are related to a whole. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Understanding Fractions | | Lesson 1: Understanding Fractions |
| Lesson 2: Comparing Fractions | | Lesson 2: Comparing Fractions |
| Lesson 3: Adding and Subtracting Like Fractions | | Lesson 3: Adding and Subtracting Like Fractions |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 10 to 12 | | Chapter Assessment; Cumulative Review for Chapters 10 to 12 |
| Total Days: 6 | | Total Days: 6 |
| | | |
| **Chapter 13: Customary Measurement of Length**<br>Big Idea: Rulers can be used to measure and compare how long and how tall things are. | | **Chapter 13: Customary Measurement of Length**<br>Big Idea: Rulers can be used to measure and compare how long and how tall things are. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Measuring in Feet | | Lesson 1: Measuring in Feet |
| Lesson 2: Comparing Lengths in Feet | | Lesson 2: Comparing Lengths in Feet |
| Lesson 3: Measuring in Inches | | Lesson 3: Measuring in Inches |
| Lesson 4: Comparing Lengths in Inches<br>Lesson 4.a: Comparing Inches and Feet* | | Lesson 4: Comparing Lengths in Inches and Feet |
| Lesson 5: Real-World Problems: Customary Length | | Lesson 5: Real-World Problems: Customary Length |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 9 | | Total Days: 9 |
| | | |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 14: Time**<br>Big Idea: Time of day can be shown in different ways. | | **Chapter 14: Time**<br>Big Idea: Time of day can be shown in different ways. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: The Minute Hand | | Lesson 1: The Minute Hand |
| Lesson 2: Reading and Writing Time | | Lesson 2: Reading and Writing Time |
| Lesson 3: Using A.M. and P.M. | | Lesson 3: Using A.M. and P.M. |
| Lesson 4: Elapsed Time | | Lesson 4: Elapsed Time |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 13 and 14; Benchmark Assessment 2 for Chapters 10 to 14 | | Chapter Assessment; Cumulative Review for Chapters 13 and 14; Benchmark Assessment 2 for Chapters 10 to 14 |
| Total Days: 8 | | Total Days: 8 |
| | | |

| 2013 | | 2018 |
|---|---|---|
| Chapter 15: Multiplication Tables of 3 and 4<br>Big Idea: Known multiplication facts can be used to find other multiplication and division facts. | | **Chapter 15: Multiplication Tables of 3 and 4**<br>Big Idea: Known multiplication facts can be used to find other multiplication and division facts. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1:Multiplying 3: Skip-counting | | Lesson 1:Multiplying 3: Skip-counting |
| Lesson 2: Multiplying 3: Using Dot Paper | | Lesson 2: Multiplying 3: Using Dot Paper |
| Lesson 3: Multiplying 4: Skip-counting | | Lesson 3: Multiplying 4: Skip-counting |
| Lesson 4: Multiplying 4: Using Dot Paper | | Lesson 4: Multiplying 4: Using Dot Paper |
| Lesson 5: Divide Using Related Multiplication Facts | | Lesson 5: Divide Using Related Multiplication Facts |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 10 | | Total Days: 10 |
| | | |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 16: Using Bar Models: Multiplication and Division**<br>Big Idea: Bar Models can be used to solve multiplication and division problems. | | **Chapter 16: Using Bar Models: Multiplication and Division**<br>Big Idea: Bar Models can be used to solve multiplication and division problems. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Real-World Problems: Multiplication | | Lesson 1: Real-World Problems: Multiplication |
| Lesson 2: Real-World Problems: Division | | Lesson 2: Real-World Problems: Division |
| Lesson 3: Real-World Problems: Measurement and Money | | Lesson 3: Real-World Problems: Measurement and Money |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 7 | | Total Days: 7 |
| | | |

| 2013 | 2018 |
|---|---|
| **Chapter 17: Picture Graphs**<br>Big Idea: Picture graphs use pictures to show data about things you can count. | **Chapter 17: Picture Graphs**<br>Big Idea: Picture graphs use pictures to show data about things you can count. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Reading Picture Graphs with Scales | Lesson 1: Reading Picture Graphs with Scales |
| Lesson 2: Making Picture Graphs<br>Lesson 2.a: Line Plots* | Lesson 2: Making Picture Graphs |
| Lesson 3: Real-World Problems: Picture Graphs | Lesson 3: Real-World Problems: Picture Graphs |
| | Lesson 4: Bar Graphs and Line Plots |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 15 to 17 | Chapter Assessment; Cumulative Review for Chapters 15 to 17 |
| Total Days: 7 | Total Days: 7 |

| 2013 | 2018 |
|---|---|
| **Chapter 18: Lines and Surfaces**<br>Big Idea: Properties of parts of lines, curves, and surfaces can be seen and felt. | **Chapter 18: Lines and Surfaces**<br>Big Idea: Properties of parts of lines, curves, and surfaces can be seen and felt. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Parts of Lines and Curves | Lesson 1: Parts of Lines and Curves |
| Lesson 2: Flat and Curved Surfaces | Lesson 2: Flat and Curved Surfaces |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 5 | Total Days: 5 |

| 2013 | 2018 |
|---|---|
| **Chapter 19: Shapes and Patterns**<br>Big Idea: Planes and solid shapes can be identified and classified. They can be separated and combined to make other shapes. | **Chapter 19: Shapes and Patterns**<br>Big Idea: Planes and solid shapes can be identified and classified. They can be separated and combined to make other shapes. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Plane Shapes<br>Lesson 1.a: Quadrilaterals and Pentagons* | Lesson 1: Plane Shapes |
| Lesson 2: Solid Shapes<br>Lesson 2.a: Faces of a Cube* | Lesson 2: Solid Shapes |
| Lesson 3: Making Patterns | Lesson 3: Making Patterns |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 18 and 19; End-of Year Review; End-of Year Test | Chapter Assessment; Cumulative Review for Chapters 18 and 19; End-of Year Review; End-of Year Test |
| Total Days: 12 | Total Days: 9 |

# Grade 3: *Math in Focus* © 2013 to © 2018 Content Comparison
## * Indicates an added Focus Lesson
### Total Days are based on Chapter Planning Guides.

| Book A Lessons | Book A Lessons |
|---|---|
| **2013**<br>**Chapter 1: Numbers to 10,000**<br>Big Idea: Count and Compare Numbers<br>to 10,000 | **2018**<br>**Chapter 1: Numbers to 10,000**<br>Big Idea: Count and Compare Numbers<br>to 10,000 |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Counting | Lesson 1: Counting |
| Lesson 2: Place Value | Lesson 2: Place Value |
| Lesson 3: Comparing and Ordering Numbers | Lesson 3: Comparing and Ordering Numbers |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 10 | Total Days: 10 |
| | |
| **2013**<br>**Chapter 2: Mental Math and Estimation**<br>Big Idea: Number Bonds and estimation strategies can<br>be used to find and check sums and differences. | **2018**<br>**Chapter 2: Mental Math and Estimation**<br>Big Idea: Number Bonds and estimation strategies can<br>be used to find and check<br>sums and differences. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Mental Addition | Lesson 1: Mental Addition |
| Lesson 2: Mental Subtraction | Lesson 2: Mental Subtraction |
| Lesson 3: More Mental Addition | Lesson 3: More Mental Addition |
| Lesson 4: Rounding Numbers to Estimate | Lesson 4: Rounding Numbers to Estimate |
| Lesson 5: Using Front-End Estimation | Lesson 5: Using Front-End Estimation |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 1 and 2 | Chapter Assessment; Cumulative Review for Chapters 1 and 2 |
| Total Days: 10 | Total Days: 10 |
| | |
| **2013**<br>**Chapter 3: Addition up to 10,000**<br>Big Idea: Greater numbers can be added the same<br>way 2 digit-numbers are added, with or without<br>regrouping. | **2018**<br>**Chapter 3: Addition up to 10,000**<br>Big Idea: Greater numbers can be added the same<br>way 2 digit-numbers are added, with<br>or without regrouping. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Addition Without Regrouping | Lesson 1: Addition Without Regrouping |
| Lesson 2: Addition with Regrouping in Hundreds | Lesson 2: Addition with Regrouping in Hundreds |
| Lesson 3: Addition with Regrouping in Ones, Tens, and Hundreds | Lesson 3: Addition with Regrouping in Ones, Tens, and Hundreds |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 8 | Total Days: 8 |
| | |

| 2013 | 2018 |
|---|---|
| **Chapter 4: Subtraction up to 10,000**<br>Big Idea: Greater numbers can be subtracted with or without regrouping. | **Chapter 4: Subtraction up to 10,000**<br>Big Idea: Greater numbers can be subtracted with or without regrouping. |
| Chapter Opener | Chapter Opener |
| Recall Prior Knowledge-Quick Check | Recall Prior Knowledge-Quick Check |
| Lesson 1: Subtraction Without Regrouping | Lesson 1: Subtraction Without Regrouping |
| Lesson 2: Subtraction with Regrouping in Hundred and Thousands | Lesson 2: Subtraction with Regrouping in Hundred and Thousands |
| Lesson 3: Subtraction with Regrouping in Ones, Tens, Hundreds, and Thousands | Lesson 3: Subtraction with Regrouping in Ones, Tens, Hundreds, and Thousands |
| Lesson 4: Subtraction Across Zeros | Lesson 4: Subtraction Across Zeros |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 8 | Total Days: 8 |

| 2013 | 2018 |
|---|---|
| **Chapter 5: Using Bar Models: Addition and Subtraction**<br>Big Idea: Bar Models, addition and subtraction can be used to solve 2-step real-world problems. | **Chapter 5: Using Bar Models: Addition and Subtraction**<br>Big Idea: Bar Models, addition and subtraction can be used to solve 2-step real-world problems. |
| Chapter Opener | Chapter Opener |
| Recall Prior Knowledge-Quick Check | Recall Prior Knowledge-Quick Check |
| Lesson 1: Real World Problems:  Addition and Subtraction | Lesson 1: Real World Problems:  Addition and Subtraction |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 3 to 5; Benchmark Assessment 1 for Chapters 1 to 5 | Chapter Assessment; Cumulative Review for Chapters 3 to 5; Benchmark Assessment 1 for Chapters 1 to 5 |
| Total Days: 6 | Total Days: 6 |

| 2013 | 2018 |
|---|---|
| **Chapter 6: Multiplication Tables of 6, 7, 8, and 9**<br>Big Idea: Many models can be used to multiply. | **Chapter 6: Multiplication Tables of 6, 7, 8, and 9**<br>Big Idea: Many models can be used to multiply. |
| Chapter Opener | Chapter Opener |
| Recall Prior Knowledge-Quick Check | Recall Prior Knowledge-Quick Check |
| Lesson 1: Multiplication Properties | Lesson 1: Multiplication Properties |
| Lesson 2: Multiply by 6 | Lesson 2: Multiply by 6 |
| Lesson 3: Multiply by 7 | Lesson 3: Multiply by 7 |
| Lesson 4: Multiply by 8 | Lesson 4: Multiply by 8 |
| Lesson 5: Multiply by 9 | Lesson 5: Multiply by 9 |
| Lesson 6: Division: Finding the Number of Items in Each Group | Lesson 6: Division: Finding the Number of Items in Each Group |
| Lesson 7: Division Making Equal Groups | Lesson 7: Division Making Equal Groups |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 14 | Total Days: 14 |

| 2013 | | 2018 |
|---|---|---|
| **2013**<br>**Chapter 7: Multiplication**<br>Big Idea: Mental math can be used to multiply. Numbers up to 3 digits can be multiplied with or without regrouping. | | **2018**<br>**Chapter 7: Multiplication**<br>Big Idea: Mental math can be used to multiply. Numbers up to 3 digits can be multiplied with or without regrouping. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Mental Multiplication | | Lesson 1: Mental Multiplication |
| Lesson 2: Multiplying Without Regrouping | | Lesson 2: Multiplying Without Regrouping |
| Lesson 3: Multiplying Ones, Tens, and Hundreds with Regrouping | | Lesson 3: Multiplying Ones, Tens, and Hundreds with Regrouping |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 6 and 7 | | Chapter Assessment; Cumulative Review for Chapters 6 and 7 |
| Total Days: 8 | | Total Days: 8 |

| 2013 | | 2018 |
|---|---|---|
| **2013**<br>**Chapter 8: Division**<br>Big Idea: There can be remainders when dividing to make equal groups or when sharing equally. | | **2018**<br>**Chapter 8: Division**<br>Big Idea: There can be remainders when dividing to make equal groups or when sharing equally. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Mental Division | | Lesson 1: Mental Division |
| Lesson 2: Quotient and Remainder | | Lesson 2: Quotient and Remainder |
| Lesson 3: Odd and Even Numbers | | Lesson 3: Odd and Even Numbers |
| Lesson 4: Division Without Remainder and Regrouping | | Lesson 4: Division Without Remainder and Regrouping |
| Lesson 5: Division with Regrouping in Tens and Ones | | Lesson 5: Division with Regrouping in Tens and Ones |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 9 | | Total Days: 9 |

| 2013 | | 2018 |
|---|---|---|
| **2013**<br>**Chapter 9: Using Bar Models: Multiplication and Division**<br>Big Idea: Bar Models can be used to solve different kinds of multiplication and division word problems. | | **2018**<br>**Chapter 9: Using Bar Models: Multiplication and Division**<br>Big Idea: Bar Models can be used to solve different kinds of multiplication and division word problems. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Real-World Problems: Multiplication | | Lesson 1: Real-World Problems: Multiplication |
| Lesson 2: Real-World Problems: Two-step Problems with Multiplication | | Lesson 2: Real-World Problems: Two-step Problems with Multiplication |
| Lesson 3: Real-World Problems: Division | | Lesson 3: Real-World Problems: Division |
| Lesson 4: Real-World Problems: Two-step Problems with Division<br>Lesson 4.a: Real-World Problems: Two-step Problems* | | Lesson 4: Real-World Problems: Two-step Problems with Division |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 8 and 9; Mid-Year Review; Mid-Year Test | | Chapter Assessment; Cumulative Review for Chapters 8 and 9; Mid-Year Review; Mid-Year Test |
| Total Days: 11 | | Total Days: 11 |

| Book B Lessons | Book B Lessons |
|---|---|
| **2013**<br>**Chapter 10: Money**<br>Big Idea: You can add and subtract money the same way you add and subtract whole numbers. | **2018**<br>**Chapter 10: Money**<br>Big Idea: You can add and subtract money the same way you add and subtract whole numbers. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Addition | Lesson 1: Addition |
| Lesson 2: Subtraction | Lesson 2: Subtraction |
| Lesson 3: Real-World Problems: Money | Lesson 3: Real-World Problems: Money |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 9 | Total Days: 9 |
| | |
| **2013**<br>**Chapter 11: Metric Length, Mass, and Volume**<br>Big Idea: Length, mass, and volume can be measured using metric units of measurements. | **2018**<br>**Chapter 11: Metric Length, Mass, and Volume**<br>Big Idea: Length, mass, and volume can be measured using metric units of measurements |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Meters and Centimeters | Lesson 1: Meters and Centimeters |
| Lesson 2: Kilometers and Meters | Lesson 2: Kilometers and Meters |
| Lesson 3: Kilograms and Grams | Lesson 3: Kilograms and Grams |
| Lesson 4: Liters and Milliliters | Lesson 4: Liters and Milliliters |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 8 | Total Days: 8 |
| | |
| **2013**<br>**Chapter 12: Real-World Problems: Measurement**<br>Big Idea: Bar Models can be used to solve one- and two-step problems on measurement. | **2018**<br>**Chapter 12: Real-World Problems: Measurement**<br>Big Idea: Bar Models can be used to solve one- and two-step problems on measurement. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Real-World Problems: One-Step Problems | Lesson 1: Real-World Problems: One-Step Problems |
| Lesson 2: Real-World Problems: Two-Step Problems | Lesson 2: Real-World Problems: Two-Step Problems |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 10 to 12 | Chapter Assessment; Cumulative Review for Chapters 10 to 12 |
| Total Days: 6 | Total Days: 6 |
| | |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 13: Bar Graphs and Line Plots**<br>Big Idea: Bar graphs and line plots help to organize data. Bar graphs are used to compare data. Line plots show how data is spread out. | | **Chapter 13: Bar Graphs and Line Plots**<br>Big Idea: Bar graphs and line plots help to organize data. Bar graphs are used to compare data. Line plots show how data is spread out. |
| Chapter Opener | | Chapter Opener |
| Recall Prior Knowledge-Quick Check | | Recall Prior Knowledge-Quick Check |
| Lesson 1: Making Bar Graphs with Scales | | Lesson 1: Making Bar Graphs with Scales |
| Lesson 2: Reading and Interpreting Bar Graphs | | Lesson 2: Reading and Interpreting Bar Graphs |
| Lesson 3: Line Plots | | Lesson 3: Line Plots |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 7 | | Total Days: 7 |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 14: Fractions**<br>Big Idea: Fractions can be used to describe parts of a region or parts of a set. | | **Chapter 14: Fractions**<br>Big Idea: Fractions can be used to describe parts of a region or parts of a set. |
| Chapter Opener | | Chapter Opener |
| Recall Prior Knowledge-Quick Check | | Recall Prior Knowledge-Quick Check |
| Lesson 1: Understanding Fractions | | Lesson 1: Understanding Fractions |
| Lesson 2: Understanding Equivalent Fractions | | Lesson 2: Understanding Equivalent Fractions |
| Lesson 3: More Equivalent Fractions | | Lesson 3: More Equivalent Fractions |
| Lesson 4: Comparing Fractions | | Lesson 4: Comparing Fractions |
| Lesson 5: Adding and Subtracting Like Fractions | | Lesson 5: Fractions as a Whole or Set |
| Lesson 6: Fraction of a Set<br>Lesson 6.a: Fractions* | | No Lesson 6 |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 13 | | Total Days: 12 |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 15: Customary Length, Weight, and Capacity**<br>Big Idea: Length, weight, and capacity can be measured using customary units | | **Chapter 15: Customary Length, Weight, and Capacity**<br>Big Idea: Length, weight, and capacity can be measured using customary units |
| Chapter Opener | | Chapter Opener |
| Recall Prior Knowledge-Quick Check | | Recall Prior Knowledge-Quick Check |
| Lesson 1: Measuring Length<br>Lesson 1.a: Measuring Length* | | Lesson 1: Measuring Length |
| Lesson 2: Measuring Weight | | Lesson 2: Measuring Weight |
| Lesson 3: Measuring Capacity | | Lesson 3: Measuring Capacity |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 13 to 15; Benchmark Assessment 2 for Chapters 10 to 15 | | Chapter Assessment; Cumulative Review for Chapters 13 to 15; Benchmark Assessment 2 for Chapters 10 to 15 |
| Total Days: 13 | | Total Days: 12 |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 16: Time and Temperature**<br>Big Idea: Time can be used to tell when activities start and end, or how long an activity will last. Temperature can be used to understand what the weather will be like. | | **Chapter 16: Time and Temperature**<br>Big Idea: Time can be used to tell when activities start and end, or how long an activity will last. Temperature can be used to understand what the weather will be like. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Telling Time | | Lesson 1: Telling Time |
| Lesson 2: Converting Hours and Minutes | | Lesson 2: Converting Hours and Minutes |
| Lesson 3: Adding Hours and Minutes | | Lesson 3: Adding Hours and Minutes |
| Lesson 4: Subtracting Hours and Minutes | | Lesson 4: Subtracting Hours and Minutes |
| Lesson 5: Elapsed Time | | Lesson 5: Elapsed Time |
| Lesson 6: Measuring Temperature | | Lesson 6: Measuring Temperature |
| Lesson 7: Real-World Problems: Time and Temperature | | Lesson 7: Real-World Problems: Time and Temperature |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 11 | | Total Days: 11 |
| | | |
| **Chapter 17: Angles and Lines**<br>Big Idea: Angles and lines can be found all around us. These can be described with special names. | | **Chapter 17: Angles and Lines**<br>Big Idea: Angles and lines can be found all around us. These can be described with special names. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Understanding and Identifying Angles | | Lesson 1: Understanding and Identifying Angles |
| Lesson 2: Right Angles | | Lesson 2: Right Angles |
| Lesson 3: Perpendicular Lines | | Lesson 3: Perpendicular Lines |
| Lesson 4: Parallel Lines | | Lesson 4: Parallel Lines |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 8 | | Total Days: 8 |
| | | |
| **Chapter 18: Two-Dimensional Shapes**<br>Big Idea: Polygons can be classified by the number of sides, corners, and angles. Figures can be congruent or symmetrical, or both. | | **Chapter 18: Two-Dimensional Shapes**<br>Big Idea: Polygons can be classified by the number of sides, corners, and angles. Figures can be congruent or symmetrical, or both. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Classifying Polygons | | Lesson 1: Classifying Polygons |
| Lesson 2: Congruent Figures | | Lesson 2: Congruent Figures |
| Symmetry | | Symmetry |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 8 | | Total Days: 8 |

| 2013 | 2018 |
|---|---|
| **Chapter 19: Area and Perimeter**<br>Big Idea: Explore and understand units used to find perimeter and area of figures and analyze the relationship between them. | **Chapter 19: Area and Perimeter**<br>Big Idea: Explore and understand units used to find perimeter and area of figures and analyze the relationship between them. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Area | Lesson 1: Area |
| Lesson 2: Square Units (square centimeters and square inches) | Lesson 2: Square Units (square centimeters and square inches) |
| Lesson 3: Square Units (square meters and square feet) | Lesson 3: Square Units (square meters and square feet) |
| Lesson 4: Perimeter and Area<br>Lesson 4.a: Real-World Problems: Area* | Lesson 4: Perimeter and Area |
| Lesson 5: More Perimeter | Lesson 5: More Perimeter |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 16 to 19; End-of-Year Review; End-of-Year Test | Chapter Assessment; Cumulative Review for Chapters 16 to 19; End-of-Year Review; End-of-Year Test |
| Total Days: 11 | Total Days: 11 |
| | |

* Indicates an added Focus Lesson
Total Days are based on Chapter Planning Guides.

| Book A Chapters | Book A Chapters |
|---|---|
| **2013**<br>**Chapter 1: Place Value of Whole Numbers**<br>Big Idea: Read, compare, and order numbers according to the place value of their digits. | **2018**<br>**Chapter 1: Working with Whole Numbers**<br>Big Idea: Read, compare, and order numbers according to the place value of their digits. Also, learn to add and subtract multi-digit numbers. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Numbers to 100,000 | Lesson 1: Numbers to 100,000 |
| Lesson 2: Comparing Numbers to 100.000<br>Lesson 2.a: Addition of Multi-Digit Numbers*<br>Lesson 2.b: Subtraction of Multi-Digit Numbers* | Lesson 2: Comparing Numbers to 100,000 |
|  | Lesson 3: Adding and Subtracting Multi-Digit Numbers |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 12 | Total Days: 10 |
|  |  |
| **2013**<br>**Chapter 2: Estimation and Number Theory**<br>Big Idea: When two factors are multiplied, the product is a multiple of both numbers. Knowing factors and multiples of numbers can help in estimating products and quantities. | **2018**<br>**Chapter 2: Estimation and Number Theory**<br>Big Idea: When two factors are multiplied, the product is a multiple of both numbers. Knowing factors and multiples of numbers can help in estimating products and quantities. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Estimation | Lesson 1: Estimation |
| Lesson 2: Factors | Lesson 2: Factors |
| Lesson 3: Multiples | Lesson 3: Multiples |
|  | Lesson 4: Multiplying Using Models |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 1 and 2 | Chapter Assessment; Cumulative Review for Chapters 1 and 2 |
| Total Days: 11 | Total Days: 12 |
|  |  |

| 2013 | 2018 |
|---|---|
| **Chapter 3: Whole Number Multiplication and Division**<br>Big Idea: Place value is used to multiply and divide multi-digit numbers. Estimation can be used to check the reasonableness of an answer. | **Chapter 3: Whole Number Multiplication and Division**<br>Big Idea: Place value is used to multiply and divide multi-digit numbers. Estimation can be used to check the reasonableness of an answer. |
| Chapter Opener | Chapter Opener |
| Recall Prior Knowledge-Quick Check | Recall Prior Knowledge-Quick Check |
| Lesson 0: Multiply Using Arrays* | |
| Lesson 1: Multiplying by a 1-Digit Number<br>Lesson 1.a: Multiply Using Arrays Models* | Lesson 1: Multiplying by a 1-Digit Number |
| Lesson 2: Multiplying by a 2-Digit Number | Lesson 2: Multiplying by a 2-Digit Number |
| Lesson 3: Modeling Division with Regrouping | Lesson 3: Modeling Division with Regrouping |
| Lesson 4: Dividing by a 1-Digit Number | Lesson 4: Dividing by a 1-Digit Number |
| Lesson 5: Real-World Problems: Multiplication and Division | Lesson 5: Real-World Problems: Multiplication and Division |
| Lesson 5.a: Multiplication and Division Real World Problems* | |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 19 | Total Days: 16 |

| 2013 | 2018 |
|---|---|
| **Chapter 4: Tables and Line Graphs**<br>Big Idea: Graphs and tables are visual tools for showing and analyzing data | **Chapter 4: Tables and Line Graphs**<br>Big Idea: Graphs and tables are visual tools for showing and analyzing data |
| Chapter Opener | Chapter Opener |
| Recall Prior Knowledge-Quick Check | Recall Prior Knowledge-Quick Check |
| Lesson 1: Making and Interpreting a Table | Lesson 1: Making and Interpreting a Table |
| Lesson 2: Using a Table | Lesson 2: Using a Table |
| Lesson 3: Line Graphs | Lesson 3: Line Graphs |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 3 and 4; Benchmark Assessment 1 for Chapters 1 to 4 | Chapter Assessment; Cumulative Review for Chapters 3 and 4; Benchmark Assessment 1 for Chapters 1 to 4 |
| Total Days: 12 | Total Days: 12 |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 5: Data and Probability**<br>Big Idea: Information can be analyzed to find a typical value for a data set. Data can be analyzed to predict the likelihood of an even happening. | | **Chapter 5: Data and Probability**<br>Big Idea: Information can be analyzed to find a typical value for a data set. Data can be analyzed to predict the likelihood of an even happening. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Average | | Lesson 1: Average |
| Lesson 2: Median, Mode, and Range | | Lesson 2: Median, Mode, and Range |
| Lesson 3: Stem-and-Leaf Plots | | Lesson 3: Stem-and-Leaf Plots |
| Lesson 4: Outcomes | | Lesson 4: Outcomes |
| Lesson 5: Probability as a Fraction | | Lesson 5: Probability as a Fraction |
| Lesson 6: Real-World Problems: Data and Probability | | Lesson 6: Real-World Problems: Data and Probability |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 14 | | Total Days: 14 |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 6: Fractions and Mixed Numbers**<br>Big Idea: Fractions and mixed numbers are used to name wholes and parts of a whole. Fractions and mixed numbers can be added and subtracted. | | **Chapter 6: Fractions and Mixed Numbers**<br>Big Idea: Fractions and mixed numbers are used to name wholes and parts of a whole. Fractions and mixed numbers can be added and subtracted. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 0: Comparing Unlike Fractions* | | |
| Lesson 1: Adding Fractions | | Lesson 1: Adding Fractions |
| Lesson 2: Subtracting Fractions | | Lesson 2: Subtracting Fractions |
| Lesson 3: Mixed Numbers | | Lesson 3: Mixed Numbers |
| Lesson 4: Improper Fractions | | Lesson 4: Improper Fractions |
| Lesson 5: Renaming Improper Fractions and Mixed Numbers | | Lesson 5: Renaming Improper Fractions and Mixed Numbers |
| Lesson 6: Renaming Whole Numbers when Adding and Subtracting Fractions | | Lesson 6: Renaming Whole Numbers when Adding and Subtracting Fractions |
| Lesson 7: Fractions of a Set<br>Lesson 7.a: Multiplying Fractions and Whole Numbers* | | Lesson 7: Fractions of a Set |
| Lesson 8: Real-World Problems: Fractions<br>Lesson 8.a: Line Plots with Fractions of a Unit* | | Lesson 8: Real-World Problems: Fractions |
| | | Lesson 9: Line Plots with Fractions of a Unit |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 5 and 6; Mid-Year Review; Mid-Year Test | | Chapter Assessment; Cumulative Review for Chapters 5 and 6; Mid-Year Review; Mid-Year Test |
| Total Days: 22 | | Total Days: 19 |

| Book B Chapters | Book B Chapters |
|---|---|
| **2013**<br>**Chapter 7: Decimals**<br>Big Idea: Decimals are another way to show amounts that are parts of a whole. A decimal has a decimal point to the right of the ones place and digits to the right of the decimal point. | **2018**<br>**Chapter 7: Decimals**<br>Big Idea: Decimals are another way to show amounts that are parts of a whole. A decimal has a decimal point to the right of the ones place and digits to the right of the decimal point. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Understanding Tenths | Lesson 1: Understanding Tenths |
| Lesson 2: Understanding Hundredths | Lesson 2: Understanding Hundredths |
| Lesson 3: Comparing Decimals | Lesson 3: Comparing Decimals |
| Lesson 4: Rounding Decimals | Lesson 4: Rounding Decimals |
| Lesson 5: Fractions and Decimals | Lesson 5: Fractions and Decimals |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 15 | Total Days: 15 |
| | |
| **2013**<br>**Chapter 8: Adding and Subtracting Decimals**<br>Big Idea: Decimals can be added and subtracted in the same ways as whole numbers. | **2018**<br>**Chapter 8: Adding and Subtracting Decimals**<br>Big Idea: Decimals can be added and subtracted in the same ways as whole numbers. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Adding Decimals | Lesson 1: Adding Decimals |
| Lesson 2: Subtracting Decimals | Lesson 2: Subtracting Decimals |
| Lesson 3: Real-World Problems: Decimals | Lesson 3: Real-World Problems: Decimals |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 7 and 8 | Chapter Assessment; Cumulative Review for Chapters 7 and 8 |
| Total Days: 9 | Total Days: 9 |
| | |
| **2013**<br>**Chapter 9: Angles**<br>Big Idea: Angles can be seen and measured when two rays or sides of a shape meet. | **2018**<br>**Chapter 9: Angles**<br>Big Idea: Angles can be seen and measured when two rays or sides of a shape meet. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Understanding and Measuring Angles | Lesson 1: Understanding and Measuring Angles |
| Lesson 2: Drawing Angles to 180º | Lesson 2: Drawing Angles to 180º |
| Lesson 3: Turns and Right Angles<br>Lesson 3.a: Understanding Angles Measurement*<br>Lesson 3.b: Understanding Angles Measure is Additive* | Lesson 3: Turns and Angle Measures |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 12 | Total Days: 10 |
| | |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 10: Perpendicular and Parallel Line Segments**<br>Big Idea: Line segments can go up and down, from side to side, and in every direction. | | **Chapter 10: Perpendicular and Parallel Line Segments**<br>Big Idea: Line segments can go up and down, from side to side, and in every direction |
| Chapter Opener | | Chapter Opener |
| Recall Prior Knowledge-Quick Check | | Recall Prior Knowledge-Quick Check |
| Lesson 1: Drawing Perpendicular Line Segments | | Lesson 1: Drawing Perpendicular Line Segments |
| Lesson 2: Drawing Parallel Line Segments | | Lesson 2: Drawing Parallel Line Segments |
| Lesson 3: Horizontal and Vertical Lines | | Lesson 3: Horizontal and Vertical Lines |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 9 | | Total Days: 9 |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 11: Squares and Rectangles**<br>Big Idea: Squares and rectangles are four-sided figures with special properties. | | **Chapter 11: Squares and Rectangles**<br>Big Idea: Squares and rectangles are four-sided figures with special properties. |
| Chapter Opener | | Chapter Opener |
| Recall Prior Knowledge-Quick Check | | Recall Prior Knowledge-Quick Check |
| Lesson 1: Squares and Rectangles | | Lesson 1: Squares and Rectangles |
| Lesson 2: Properties of Squares and Rectangles | | Lesson 2: Properties of Squares and Rectangles |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 9 to 11; Benchmark Assessment 2 for Chapters 7 to 11 | | Chapter Assessment; Cumulative Review for Chapters 9 to 11; Benchmark Assessment 2 for Chapters 7 to 11 |
| Total Days: 8 | | Total Days: 8 |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 12: Area and Perimeter**<br>Big Idea: Area and perimeter of a square, rectangles, or composite figure can be found by counting squares or using a formula. | | **Chapter 12: Conversion of Measurements**<br>Big Idea: Measurement is a way of assigning number to objects, such as by their length, weight, or volume. Then they can be compared. |
| Chapter Opener | | Chapter Opener |
| Recall Prior Knowledge-Quick Check | | Recall Prior Knowledge-Quick Check |
| Lesson 0.a: Measurement Length*<br>Lesson 0.b: Measurement: Mass and Weight*<br>Lesson 0.c: Measurement: Time*<br>Lesson 0.c: Real-World Problems: Measurement* | | |
| Lesson 1: Area of a Rectangle | | Lesson 1: Length |
| Lesson 2: Rectangles and Squares | | Lesson 2: Mass, Weight, Volume |
| Lesson 3: Composite Figures | | Lesson 3: Time |
| Lesson 4: Using Formulas for Area and Perimeter | | Lesson 4: Real-World Problems: Measurement |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 24 | | Total Days: 12 |

| 2013<br>**Chapter 13: Symmetry**<br>Big Idea: Figures can have line and rotational symmetry. | 2018<br>**Chapter 13: Area and Perimeter**<br>Big Idea: Area and perimeter of a square, rectangle or composite figure can be found by counting squares or using a formula. |
| --- | --- |
| Chapter Opener | Chapter Opener |
| Recall Prior Knowledge-Quick Check | Recall Prior Knowledge-Quick Check |
| Lesson 1: Identifying Lines of Symmetry | Lesson 1: Area of a Rectangle |
| Lesson 2: Rotational Symmetry | Lesson 2: Rectangles and Squares |
| Lesson 3: Making Symmetric Shapes and Patterns | Lesson 3: Composite Figures |
|  | Lesson 4: Using Formulas for Area and Perimeter |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 10 | Total Days: 14 |

| 2013<br>**Chapter 14: Tessellations**<br>Big Idea: A tessellation is made when a shape (or shapes) is repeated, covering a plane (or surface) without gaps or overlaps to form patterns. | 2018<br>**Chapter 13: Symmetry**<br>Big Idea: Figures can have line and rotational symmetry. |
| --- | --- |
| Chapter Opener | Chapter Opener |
| Recall Prior Knowledge-Quick Check | Recall Prior Knowledge-Quick Check |
| Lesson 1: Identifying Tessellations | Lesson 1: Identifying Lines of Symmetry |
| Lesson 2: More Tessellations | Lesson 2: Rotational Symmetry |
|  | Lesson 3: Making Symmetric Shapes and Patterns |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 12 to 14; End-of-Year Review; End-of-Year Test | Chapter Assessment |
| Total Days: 8 | Total Days: 10 |

| | 2018<br>**Chapter 15: Tessellations**<br>Big Idea: A tessellation is made when a shape (or shapes) is repeated, covering a plane (or surface) without gaps or overlaps to form patterns. |
| --- | --- |
|  | Chapter Opener |
|  | Recall Prior Knowledge-Quick Check |
|  | Lesson 1: Identifying Tessellations |
|  | Lesson 2: More Tessellations |
|  | Problem Solving POYTC |
|  | Chapter Wrap Up; Chapter Review/Test |
|  | Chapter Assessment; Cumulative Review for Chapters 12 to 15; End-of-Year Review; End-of-Year Test |
|  | Total Days: 8 |

# Grade 5: *Math in Focus* © 2013 to © 2018 Content Comparison
## * Indicates an added Focus Lesson
### Total Days are based on Chapter Planning Guides.

| Book A Chapters | Book A Chapters |
|---|---|
| **2013**<br>**Chapter 1: Whole Numbers**<br>Big Idea: Whole numbers can be written in different ways. Numbers can be compared and rounded, according to their place value. | **2018**<br>**Chapter 1: Whole Numbers**<br>Big Idea: Whole numbers can be written in different ways. Numbers can be compared and rounded, according to their place value. |
| Chapter Opener | Chapter Opener |
| Recall Prior Knowledge-Quick Check | Recall Prior Knowledge-Quick Check |
| Lesson 1: Numbers to 10,000,000 | Lesson 1: Numbers to 10,00,000 |
| Lesson 2: Place Value | Lesson 2: Place Value |
| Lesson 3: Comparing Numbers to 10,000,000 | Lesson 3: Comparing Numbers to 10,000,000 |
| Lesson 4: Rounding and Estimating | Lesson 4: Rounding and Estimating |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 10 | Total Days: 10 |
| | |
| **2013**<br>**Chapter 2: Whole Number Multiplication and Division**<br>Big Idea: Patterns can be used to help you multiply and divide numbers. Numeric expressions can be simplified using the order of operations. Multiplication and division can be used to solve real-world problems. | **2018**<br>**Chapter 2: Whole Number Multiplication and Division**<br>Big Idea: Patterns can be used to help you multiply and divide numbers. Numeric expressions can be simplified using the order of operations. Multiplication and division can be used to solve real-world problems. |
| Chapter Opener | Chapter Opener |
| Recall Prior Knowledge-Quick Check | Recall Prior Knowledge-Quick Check |
| Lesson 1: Using a Calculator | Lesson 1: Using a Calculator |
| Lesson 2: Multiplying by Tens, Hundreds, or Thousands<br>Lesson 2.a: Multiplying by Powers of Ten* | Lesson 2: Multiplying by Tens, Hundreds, or Thousands |
| Lesson 3: Multiplying by 2 Digit-Numbers | Lesson 3: Multiplying by Powers of Ten |
| Lesson 4: Dividing by Tens, Hundreds, or Thousands | Lesson 4: Multiplying by 2-Digit Numbers |
| Lesson 5: Dividing by 2-Digit Numbers | Lesson 5: Dividing by Tens, Hundreds, or Thousands |
| Lesson 6: Order of Operations<br>Lesson 6.a: Evaluating Expressions with Parentheses, Brackets, and Braces* | Lesson 6: Dividing by 2-Digit Numbers |
| Lesson 7: Real-World Problems: Multiplication and Division | Lesson 7: Order of Operations |
| | Lesson 8: Real-World Problems: Multiplication and Division |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 1 and 2 | Chapter Assessment; Cumulative Review for Chapters 1 and 2 |
| Total Days: 20 | Total Days: 19 |
| | |

| 2013 | 2018 |
|---|---|
| **Chapter 3: Fractions and Mixed Numbers**<br>Big Idea: Add and subtract unlike fractions and mixed numbers by rewriting them with like denominators. | **Chapter 3: Fractions and Mixed Numbers**<br>Big Idea: Add and subtract unlike fractions and mixed numbers by rewriting them with like denominators. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Adding Unlike Fractions | Lesson 1: Adding Unlike Fractions |
| Lesson 2: Subtracting Unlike Fractions | Lesson 2: Subtracting Unlike Fractions |
| Lesson 3: Fractions, Mixed Numbers, and Division Expressions | Lesson 3: Fractions, Mixed Numbers, and Division Expressions |
| Lesson 4: Expressing Fractions, Division Expressions, and Mixed Numbers as Decimals | Lesson 4: Expressing Fractions, Division Expressions, and Mixed Numbers as Decimals |
| Lesson 5: Adding Mixed Numbers | Lesson 5: Adding Mixed Numbers |
| Lesson 6: Subtracting Mixed Numbers | Lesson 6: Subtracting Mixed Numbers |
| Lesson 7: Real-World Problems: Fractions and Mixed Numbers | Lesson 7: Real-World Problems: Fractions and Mixed Numbers |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 11 | Total Days: 11 |

| 2013 | 2018 |
|---|---|
| **Chapter 4: Multiplying and Dividing Fractions and Mixed Numbers**<br>Big Idea: Whole numbers, fractions, and mixed numbers can be multiplied or divided in any combination. | **Chapter 4: Multiplying and Dividing Fractions and Mixed Numbers**<br>Big Idea: Whole numbers, fractions, and mixed numbers can be multiplied or divided in any combination. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 0: Multiplying with Whole Numbers and Proper Fractions* | |
| Lesson 1: Multiplying Proper Fractions | Lesson 1: Multiplying Proper Fractions |
| Lesson 2: Real-World Problems: Multiplying with Proper Fractions | Lesson 2: Real-World Problems: Multiplying with Proper Fractions |
| Lesson 3: Multiplying Improper Fractions by Fractions | Lesson 3: Multiplying Improper Fractions by Fractions |
| Lesson 4: Multiplying Mixed Numbers and Whole Numbers | Lesson 4: Multiplying Mixed Numbers and Whole Numbers |
| Lesson 5: Real-World Problems: Multiplying with Mixed Numbers | Lesson 5: Real-World Problems: Multiplying with Mixed Numbers |
| Lesson 6: Dividing a Fraction by a Whole Number<br>Lesson 6.a: Dividing a Whole Number by a Unit Fraction* | Lesson 6: Dividing Fractions and Whole Numbers |
| Lesson 7: Real-World Problems: Multiplying and Dividing with Fractions<br>Lesson 7.a: Real-World Problems: Dividing a Whole Number by a Unit Fraction* | Lesson 7: Real-World Problems: Multiplying and Dividing with Fractions |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 3 and 4; Benchmark Assessment 1 for Chapters 1 to 4 | Chapter Assessment; Cumulative Review for Chapters 3 and 4; Benchmark Assessment 1 for Chapters 1 to 4 |
| Total Days: 15 | Total Days: 12 |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 5: Algebra**<br>Big Idea: Algebraic expressions can be used to describe situations and solve real-world problems. | | **Chapter 5: Algebra**<br>Big Idea: Algebraic expressions can be used to describe situations and solve real-world problems. |
| Chapter Opener | | Chapter Opener |
| Recall Prior Knowledge-Quick Check | | Recall Prior Knowledge-Quick Check |
| Lesson 1: Using Letters as Numbers | | Lesson 1: Number Patterns and Relationships |
| Lesson 2: Simplifying Algebraic Expressions | | Lesson 2: Using Letters as Numbers |
| Lesson 3: Inequalities and Equations | | Lesson 3: Simplifying Algebraic Expressions |
| Lesson 4: Real-World Problems: Algebra | | Lesson 4: Inequalities and Equations |
| | | Lesson 5: Real-World Problems: Algebra |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 10 | | Total Days: 11 |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 6: Area of a Triangle**<br>Big Idea: Base and height are measurements that are used to find the area of a triangle. | | **Chapter 6: Area**<br>Big Idea: Base and height are measurements that are used to find the area of a triangle. |
| Chapter Opener | | Chapter Opener |
| Recall Prior Knowledge-Quick Check | | Recall Prior Knowledge-Quick Check |
| Lesson 0: Finding the Area of a Rectangle with Fractional Side Lengths* | | |
| Lesson 1: Base and Height of a Triangle | | Lesson 1: Finding the Area of a Rectangle with Fractional Side Lengths |
| Lesson 2: Finding the Area of a Triangle | | Lesson 2: Base and Height of a Triangle |
| | | Lesson 3: Finding the Area of a Triangle |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 7 | | Total Days: 7 |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 7: Ratio**<br>Big Idea: Two numbers can be compared by subtraction. Two or more numbers or quantities can also be compared by division and the comparison expressed as a ratio. | | **Chapter 7: Ratio**<br>Big Idea: Two numbers can be compared by subtraction. Two or more numbers or quantities can also be compared by division and the comparison expressed as a ratio. |
| Chapter Opener | | Chapter Opener |
| Recall Prior Knowledge-Quick Check | | Recall Prior Knowledge-Quick Check |
| Lesson 1: Finding Ratio | | Lesson 1: Finding Ratio |
| Lesson 2: Equivalent Ratios | | Lesson 2: Equivalent Ratios |
| Lesson 3: Real-World Problems: Ratios | | Lesson 3: Real-World Problems: Ratios |
| Lesson 4: Ratio in Fraction Form | | Lesson 4: Ratio in Fraction Form |
| Lesson 5: Comparing Three Quantities | | Lesson 5: Comparing Three Quantities |
| Lesson 6: Real-World Problems: More Ratios | | Lesson 6: Real-World Problems: More Ratios |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 5 to 7; Mid-Year Review; Mid-Year Test | | Chapter Assessment; Cumulative Review for Chapters 5 to 7; Mid-Year Review; Mid-Year Test |
| Total Days: 12 | | Total Days: 12 |

| Book B Chapters | Book B Chapters |
|---|---|
| **2013**<br>**Chapter 8: Decimals**<br>Big Idea: Thousandths can be represented with three decimal places or as fractions. | **2018**<br>**Chapter 8: Decimals**<br>Big Idea: Thousandths can be represented with three decimal places or as fractions. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Understanding Thousandths | Lesson 1: Understanding Thousandths |
| Lesson 2: Comparing and Rounding Decimals | Lesson 2: Comparing and Rounding Decimals |
| Lesson 3: Rewriting Decimals as Fractions and Mixed Numbers | Lesson 3: Rewriting Decimals as Fractions and Mixed Numbers |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 8 | Total Days: 8 |
|  |  |
| **2013**<br>**Chapter 9: Multiplying and Dividing Decimals**<br>Big Idea: Decimals can be multiplied and divided in the same way as whole numbers. | **2018**<br>**Chapter 9: Multiplying and Dividing Decimals**<br>Big Idea: Decimals can be multiplied and divided in the same way as whole numbers. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Multiplying Decimals | Lesson 1: Multiplying Decimals |
| Lesson 2: Multiplying by Tens, Hundreds, and Thousands<br>Lesson 2.a: Multiplying Decimals by Powers of Ten* | Lesson 2: Multiplying by Tens, Hundreds, or Thousands |
| Lesson 3: Dividing Decimals | Lesson 3: Dividing Decimals |
| Lesson 4: Dividing by Tens, Hundreds, and Thousands | Lesson 4: Dividing by Tens, Hundreds, or Thousands |
| Lesson 5: Estimating Decimals | Lesson 5: Estimating Decimals |
| Lesson 6: Real-World Problems: Decimals | Lesson 6: Converting Metric Units |
|  | Lesson 7: Real-World Problems: Decimals |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
| Total Days: 15 | Total Days: 16 |
|  |  |
| **2013**<br>**Chapter 10: Percent**<br>Big Idea: Percent is another way of expressing a part of a whole. Percent means "out of 100." | **2018**<br>**Chapter 10: Percent**<br>Big Idea: Percent is another way of expressing a part of a whole. Percent means "out of 100." |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Percent | Lesson 1: Percent |
| Lesson 2: Expressing Fractions as Percents | Lesson 2: Expressing Fractions as Percents |
| Lesson 3: Percent of a Number | Lesson 3: Percent of a Number |
| Lesson 4: Real-World Problems: Percent | Lesson 4: Real-World Problems: Percent |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 8 to 10; Benchmark Assessment 2 for Chapters 8 to 10 | Chapter Assessment; Cumulative Review for Chapters 8 to 10; Benchmark Assessment 2 for Chapters 8 to 10 |
| Total Days: 10 | Total Days: 10 |
|  |  |

| 2013 | | 2018 |
|---|---|---|
| **Chapter 11: Graphs and Probability**<br>Big Idea: Displaying data in a graph highlights some features of the data. Probability measures the likelihood of an event occurring. | | **Chapter 11: Graphs and Probability**<br>Big Idea: Displaying data in a graph highlights some features of the data. Probability measures the likelihood of an event occurring. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Making and interpreting Double Bar Graphs<br>Lesson 1.a: Making and Interpreting Line Plots* | | Lesson 1: Making and Interpreting Line Plots |
| Lesson 2: Graphing an Equation | | Lesson 2: Making and Interpreting Double Bar Graphs |
| Lesson 3: Combinations | | Lesson 3: Graphing and Equation |
| Lesson 4: Combinations | | Lesson 4: Comparing Data Using Line Graphs |
| | | Lesson 5: Combinations |
| | | Lesson 6: Theoretical Probability and Experimental Probability |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment |
| Total Days: 13 | | Total Days: 14 |
| | | |
| **Chapter 12: Angles**<br>Big Idea: The sum of angle measures on a line is 180º. The sum of angle measures at a point is 360º. Vertical angles have equal measures. | | **Chapter 12: Angles**<br>Big Idea: The sum of angle measures on a line is 180º. The sum of angle measures at a point is 360º. Vertical angles have equal measures. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Angles on a Line | | Lesson 1: Angles on a Line |
| Lesson 2: Angles at a Point | | Lesson 2: Angles at a Point |
| Lesson 3: Vertical Angles | | Lesson 3: Vertical Angles |
| Problem Solving POYTC | | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | | Chapter Assessment; Cumulative Review for Chapters 11 and 12 |
| Total Days: 7 | | Total Days: 7 |

| 2013 | 2018 |
|---|---|
| **Chapter 13: Properties of Triangles and Four-sided Figures**<br>Big Idea: Properties of geometric figures state relationships among angles or sides of the figures. Triangles and four-sided figures have their own special properties. | **Chapter 13: Properties of Triangles and Four-sided Figures**<br>Big Idea: Properties of geometric figures state relationships among angles or sides of the figures. Triangles and four-sided figures have their own special properties. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Classifying Triangles | Lesson 1: Classifying Triangles |
| Lesson 2: Measures of Angles of a Triangle | Lesson 2: Measures of Angles of a Triangle |
| Lesson 3: Right, Isosceles, and Equilateral Triangles | Lesson 3: Right, Isosceles, and Equilateral Triangles |
| Lesson 4: Triangle Inequalities | Lesson 4: Triangle Inequalities |
| Lesson 5: Parallelogram, Rhombus, and Trapezoid | Lesson 5: Parallelogram, Rhombus, and Trapezoid |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment; Cumulative Review for Chapters 11 to 13 | Chapter Assessment |
| Total Days: 14 | Total Days: 14 |

| 2013 | 2018 |
|---|---|
| **Chapter 14: Three-Dimensional Shapes**<br>Big Idea: Solid figures can be identified and classified by the number of faces, edges, and vertices. | **Chapter 14: Surface Area and Volume**<br>Big Idea: The volume of cubes and rectangular prisms can be expressed as the number of cubic units they contain. The surface area of a solid is the sum of the areas of all its faces. |
| Chapter Opener<br>Recall Prior Knowledge-Quick Check | Chapter Opener<br>Recall Prior Knowledge-Quick Check |
| Lesson 1: Prisms and Pyramids | Lesson 1: Building Solids Using Unit Cubes |
| Lesson 2: Cylinder, Sphere, and Cone | Lesson 2: Drawing Cubes and Rectangular Prisms |
|  | Lesson 3: Prisms and Pyramids |
|  | Lesson 4: Nets and Surface Area |
|  | Lesson 5: Understanding and Measuring Volume |
|  | Lesson 6: Volume of a Rectangular Prism and Liquid |
|  | Lesson 7: Volume of Composite Solids |
| Problem Solving POYTC | Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test | Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment | Chapter Assessment |
|  | Review: Cumulative Review for Chapters 13 and 14; End-of-Year Review; End-of-Year Test |
| Total Days: 7 | Total Days: 16 |

| **2013**<br>**Chapter 15: Surface Area and Volume**<br>Big Idea: The volume of cubes and rectangular prisms can be expressed as the number of cubic units they contain. The surface area of a solid is the sum of the areas of all its faces. |
|---|
| Lesson 1: Building Solids Using Unit Cubes |
| Lesson 2: Drawing Cubes and Rectangular Prisms |
| Lesson 3: Nets and Surface Area |
| Lesson 4: Understanding and Measuring Volume |
| Lesson 5: Volume of a Rectangular Prism and Liquid<br>Lesson 5.a: Volume of a Rectangular Prism*<br>Lesson 5.b: Volume of Solid Figures* |
| Problem Solving POYTC |
| Chapter Wrap Up; Chapter Review/Test |
| Chapter Assessment |
| Review: Cumulative Review for Chapters 14 and 15;<br>End-of-Year Review; End-of-Year Test |
| Total Days: 16 |
|  |

## Additional Note

**Grades K and 6–8:** In these grades, the sequence of content for *Math in Focus* © 2018 is the same as the sequence in *Math in Focus* © 2012 or © 2013.