Grade 5: *Houghton Mifflin Math*
correlated to *Riverdeep Destination Math*

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 1 Chapter 1	
Place Value Through Hundred Thousands 4A–4B, 4–5	M1: U1: S1
More About Place Value 6A–6B, 6–7	M1: U1: S1
Place Value Through Hundred Billions 8A–8B, 8–9	**Riverdeep lessons end at one million.**
Compare, Order, and Round Whole Numbers 10A–10B, 10–11, 12–13	M1: U1: S2
Place Value Through Thousandths 14A–14B, 14–15	M4: U1: S1
Problem-Solving Strategy: Find a Pattern 16A–16B, 16–17, 18–19	See Course I M4: U1: S1
Compare, Order, and Round Decimals 20A–20B, 20–21, 22–23	M4: U1: S2

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 1 Chapter 2	
Expressions and Addition Properties 28A–28B, 28–29, 30–31	M2: U1: S1
Estimate Sums and Differences 32A–32B, 32–33	M2: U1: S1, S2
Add and Subtract Whole Numbers 34A–34B, 34–35, 36–37	M2: U1: S1, S2
Add and Subtract Greater Numbers 38A–38B, 38–39	M2: U1: S1, S2
Addition and Subtraction Equations 40A–40B, 40–41	M2: U1: S1, S2
Problem-Solving Decision: Relevant Information 42A–42B, 42–43	**Problem solving is practiced in all modules.**

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 2 Chapter 3	
Expression and Multiplication Properties 60A–60B, 60–61	M2: U3: S1
Model the Distributive Property 62A–62B, 62–63	M2: U3: S1
Problem-Solving Strategy: Use Logical Reasoning 64A–64B, 64–65, 66–67	**Problem solving is practiced in all modules.**
Multiply by One-Digit Numbers 68A–68B, 68–69, 70–71	M2: U3: S1
Algebra: Patterns in Multiples of 10 72A–72B, 72–73	See Course I M4: U1: S2
Estimate Products 74A–74B, 74–75	M2: U3: S1
Multiply by Two-Digit Numbers 76A–76B, 76–77, 78–79	M2: U3: S1
Problem-Solving Decision: Explain Your Solution 80A–80B, 80–81	**Problem solving is practiced in all modules.**

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 2 Chapter 4	
Estimate Quotients 86A–86B, 86–87	M2: U3: S2
One-Digit Divisors 88A–88B, 88–89	M2: U3: S2
Problem-Solving Application: Use Operations 90A–90B, 90–91	See Course II M4: U1: S1
Divisibility 92A–92B, 92–93, 94–95	M2: U3: S2
Zeros in the Quotient 96A–96B, 96–97	M2: U3: S2
Problem-Solving Strategy: Use Operations 98A–98B, 98–99, 100–101	See Course II M4: U1: S1
Algebra: Solve Equations 102A–102B, 102–103, 104–105	M2: U3: S1, S2

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 2 Chapter 5	
Divide by Multiples of 10, 100, and 1,000 110A–110B, 110–111	M2: U3: S2
Two-Digit Divisors 112A–112B, 112–113	M2: U3: S3
Problem-Solving Strategy: Work Backward 114A–114B, 114–115, 116–117	**Problem solving is practiced in all modules.**
Adjusting Quotients 118A–118B, 118–119	M2: U3: S2, S3
Division With Greater Numbers 120A–120B, 120–121, 122–123	M2: U3: S3
Algebra: Order of Operations 124A–124B, 124–125, 126–127	See Course IV M4: U3: S1
Problem-Solving Strategy: Interpret Remainders 128A–128B, 128–129, 130–131	M2: U3: S3

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 3 Chapter 6	
Measurement Concepts 148A–148B, 148–149	See Course I M3: U1: S1, S2
Customary Units of Length 150A–150B, 150–151	See Course I M3: U1: S1
Customary Units of Weight and Capacity 152A–152B, 152–153, 154–155	See Course I M3: U1: S2 See Course II M3: U1: S2
Metric Units of Length 156A–156B, 156–157, 158–159	See Course I M3: U1: S1
Metric Units of Mass and Capacity 160A–160B, 160–161, 162–163	See Course I M3: U1: S2 See Course II M3: U1: S2
Add and Subtract Measurements 164A–164B, 164–165	See Course I M3: U1: S1, S2 See Course II M3: U1: S2
Problem-Solving Strategy: Multistep Problems 166A–166B, 166–167	**Problem solving is practiced in all modules.**

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 3 Chapter 7	
Double Bar Graphs 172A–172B, 172–173, 174–175	M6: U1: S1
Histograms 176A–176B, 176–177	See Course V M5: U3: S2
Line and Double Line Graphs 178A–178B, 178–179, 180–181	M6: U1: S1
Choose an Appropriate Graph 182A–182B, 182–183	M6: U1: S1
Misleading Graphs 184A–184B, 184–185	**This skill is not emphasized in Riverdeep.**
Problem-Solving Decision: Relevant Information 186A–186B, 186–187	**Problem solving is practiced in all modules.**

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 3 Chapter 8	
Collect and Organize Data 192A–192B, 192–193	See Course I M4: U1: S3
Mean, Median, and Mode 194A–194B, 194–195, 196–197	M6: U1: S1
Make and Use a Stem-and-Leaf Plot 198A–198B, 198–199	See Mastering Algebra I: Course II M5: U1: S1
Problem-Solving Strategy: Make a Table 200A–200B, 200–201, 202–203	See Course I M4: U1: S3
Draw Conclusions and Make Predictions 204A–204B, 204–205, 206–207	M6: U1: S1

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 4 Chapter 9	
Prime and Composite Numbers 224A–224B, 224–225	M1: U2: S2
Prime Factorization 226A–226B, 226–227	M1: U2: S2
Greatest Common Factor 228A–228B, 228–229, 230–231	M1: U2: S3
Least Common Multiple 232A–232B, 232–233, 234–235	M1: U2: S3
Fractions and Mixed Numbers 236A–236B, 236–237, 238–239	M3: U1: S1, S2
Equivalent Fractions and Simplest Form 240A–240B, 240–241, 242–243, 244–245	M3: U1: S3
Relate Fractions, Mixed Numbers, and Decimals 246A–246B, 246–247	M3: U1: S1, S2
Compare and Order Fractions and Decimals 248A–248B, 248–249, 250–251	M3: U1: S4 M4: U1: S2

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 4 Chapter 10	
Estimate With Fractions 256A–256B, 256–257	M3: U2: S1
Add Fractions With Like Denominators 258A–258B, 258–259	M3: U2: S1
Add Fractions With Unlike Denominators 260A–260B, 260–261	M3: U2: S3
Add Mixed Numbers With Unlike Denominators 262A–262B, 262–263, 264–265	M3: U2: S3
Subtract With Like Denominators 266A–266B, 266–267	M3: U2: S2
Subtract With Unlike Denominators 268A–268B, 268–269	M3: U2: S3
Problem-Solving Strategy: Draw a Diagram 270A–270B, 270–271, 272–273	**Problem solving is practiced in all modules.**
Subtract Mixed Numbers With Unlike Denominators 274A–274B, 274–275	M3: U2: S3

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 4 Chapter 11	
Explore Addition and Subtraction With Decimals 282A–282B, 282–283	M4: U2: S1, S2
Decimals 284A–284B, 284–285	M4: U1: S1
Subtract Decimals 286A–286B, 286–287, 288–289	M4: U2: S2
Estimate Decimal Sums and Differences 290A–290B, 290–291	M4: U2: S1, S2
Problem-Solving Decision: Choose a Method 292A–292B, 292–293	**Problem solving is practiced in all modules.**

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 5 Chapter 12	
Model Multiplication 310A–310B, 310–311, 312–313	M3: U3: S1
Multiply Fractions 314A–314B, 314–315	M3: U3: S1
Multiply With Mixed Numbers 316A–316B, 316–317, 318–319	M3: U3: S1
Model Division 320A–320B, 320–321	M3: U3: S2
Divide Fractions 322A–322B, 322–323	M3: U3: S2
Divide Mixed Numbers 324A–324B, 324–325, 326–327	M3: U3: S2
Problem-Solving Decision: Choose the Operation 328A–328B, 328–329	See Course II M4: U1: S1

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 5 Chapter 13	
Explore Multiplication 334A–334B, 334–335	M4: U3: S1
Multiply Whole Numbers and Decimals 336A–336B, 336–337	M4: U3: S1
Estimate Products 338A–338B, 338–339	M4: U3: S1
Multiply Decimals 340A–340B, 340–341, 342–343	M4: U3: S1
Zeros in the Product 344A–344B, 344–345	M4: U3: S1
Problem-Solving Decision: Reasonable Answers 346A–346B, 346–347	**Problem solving is practiced in all modules.**

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 5 Chapter 14	
Explore Division With Decimals 352A–352B, 352–353	M4: U3: S2
Estimate Quotients 354A–354B, 354–355	M4: U3: S2
Multiply and Divide by Powers of 10 356A–356B, 356–357	See Course IV M2: U3: S1 See Course IV M2: U4: S2
Divide a Decimal by a Whole Number 358A–358B, 358–359, 360–361	M4: U3: S2
Write Zeros in the Dividend 362A–362B, 362–363, 364–365	See Course IV M2: U4: S2
Repeating Decimals 366A–366B, 366–367	See Course IV M2: U1: S3
Divide a Decimal by a Decimal 368A–368B, 368–369	See Course IV M2: U4: S2
Problem-Solving Application: Decide How to Write the Quotient 370A–370B, 370–371, 372–373	M3: U3: S2

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 6 Chapter 15	
Points, Lines, and Rays 390A–390B, 390–391	M5: U1: S1
Measure, Draw, and Classify Angles 392A–392B, 392–393, 394–395	M5: U1: S1
Triangles 396A–396B, 396–397	M5: U1: S3
Congruence 398A–398B, 398–399	M5: U2: S2
Quadrilaterals and Other Polygons 400A–400B, 400–401, 402–403	M5: U1: S2, S4
Rotations, Reflections, and Translations 404A–404B, 404–405, 406–407	M5: U2: S2
Problem-Solving Strategy: Make a Model 408A–408B, 408–409, 410–411	**Problem solving is practiced in all modules.**
Circles 412A–412B, 412–413	M5: U1: S1
Symmetry 414A–414B, 414–415, 416–417	M5: U2: S2

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 6 Chapter 16	
Perimeter 422A–422B, 422–423	M5: U1: S2
Problem-Solving Strategy: Find a Pattern 424A–424B, 424–425, 426–427	See Course I M4: U1: S1
Area of a Parallelogram 428A–428B, 428–429, 430–431	M5: U1: S4
Area of a Triangle 432A–432B, 432–433	M5: U1: S4
Perimeter and Area of Irregular Figures 434A–434B, 434–435, 436–437	M5: U1: S2, S4
Circumference of a Circle 438A–438B, 438–439, 440–441	See Course IV M2: U1: S2
Unit 6 Chapter 17	
Solid Figures 446A–446B, 446–447	See Course I M3: U2: S2
Two-Dimensional Views of Solid Figures 448A–448B, 448–449	See Course I M3: U2: S2
Nets 450A–450B, 450–451	See Course I M3: U2: S2
Surface Area 452A–452B, 452–453, 454–455	See Course V M2: U3: S2, S3
Problem-Solving Strategy: Solve a Simpler Problem 456A–456B, 456–457, 458–459	**Problem solving is practiced in all modules.**
Volume 460A–460B, 460–461, 462–463	See Course II M3: U1: S2
Problem-Solving Strategy: Use Formulas 464A–464B, 464–465, 466–467	M5: U1: S4

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 7 Chapter 18	
Ratios 484A–484B, 484–485	M4: U1: S3
Equivalent Ratios 486A–486B, 486–487	M4: U1: S3
Rates 488A–488B, 488–489, 490–491	**This skill is not emphasized in Riverdeep.**
Ratios 492A–492B,492–493, 494–495	M4: U1: S3
Similar Figures and Scale Drawings 496A–496B, 496–497, 498–499	See Course V M4: U4: S1, S3
Problem-Solving Decision: Estimate or Exact Answer? 500A–500B, 500–501	M2: U1: S1, S2

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 7 Chapter 19	
Understand Percent 506A–506B, 506–507	See Course IV M3: U1: S1
Relate Fractions, Decimals, and Percents 508A–508B, 508–509	See Course IV M3: U1: S1, S2, S3
Compare Fractions, Decimals, and Percents 510A–510B, 510–511, 512–513	See Course IV M3: U1: S1, S2, S3
Find 10% of a Number 514A–514B, 514–515	See Course IV M3: U2: S1
Algebra: Percent of a Number 516A–516B, 516–517, 518–519	See Course IV M3: U2: S1
Problem-Solving Application: Use Circle Graphs 520A–520B, 520–521, 522–523	See Course IV M3: U1: S3

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 7 Chapter 20	
Make Choices 528A–528B, 528–529	See Course V M6: U1: S1, S2
Probability Concepts 530A–530B, 530–531	M6: U1: S2
Theoretical Probability 532A–532B, 532–533, 534–535	See Course V M6: U1: S1
Problem-Solving Strategy: Find a Pattern 536A–536B, 536–537, 538–539	See Course I M4: U1: S1
Experimental Probability 540A–540B, 540–541, 542–543	M6: U1: S2
Compound Events 544A–544B, 544–545	M6: U1: S2
Problem-Solving Application: Make Predictions 546A–546B, 546–547, 548–549	M6: U1: S2

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 8 Chapter 21	
Model Equations 566A–566B, 566–567	See Course V M1: U3: S1
Write and Solve Equations 568A–568B, 568–569, 570–571	See Course V M1: U3: S1
Problem Solving Strategy: Write an Equation 572A–572B, 572–573, 574–575	See Course V M1: U3: S1
Variables and Functions 576A–576B, 576–577	See Course II M4: U1: S1
Patterns and Functions 578A–578B, 578–579, 580–581	See Course II M4: U1: S1

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 8 Chapter 22	
Integers and Absolute Value 586A–586B, 586–587	See Course IV M4: U1: S1
Compare and Order Integers 588A–588B, 588–589, 590–591	M1: U1: S3
Model Addition of Integers 592A–592B, 592–593, 594–595	M2: U2: S1
Model Subtraction of Integers 596A–596B, 596–597	M2: U2: S2
Add and Subtract Integers 598A–598B, 598–599, 600–601	M2: U2: S1, S2
Problem-Solving Application: Use Integers 602A–602B, 602–603, 604–605	M2: U2: S1, S2

Houghton Mifflin Math Grade 5	Riverdeep Destination Math Course III
Unit 8 Chapter 23	
Integers and the Coordinate Plane 610A–610B, 610–611, 612–613	M5: U2: S1
Integers and Functions 614A–614B, 614–615	M2: U2: S1, S2
Use Functions and Graphs 616A–616B, 616–617, 618–619	M5: U2: S1
Problem-Solving Application: Use a Graph 620A–620B, 620–621	M5: U2: S1 M6: U1: S1
Transformations in the Coordinate Plane 622A–622B, 622–623, 624–625	M5: U2: S2