

7th Grade

Correlation of the Macmillan/McGraw-Hill•Glencoe MATH CONNECTS and MATHSCAPE MATHEMATICS to Washington Essential Academic Learning Requirements and Grade Level Expectations for Mathematics, Grade 7

Performance Expectation	Alt Grade	Specific Location(s) (i.e. page #, section #)	Additional notes
7.1.A		Math Connects: Chapter 2 - Section 2, Chapter 4 - Section 9, p. 331 ; Mathscape: Buyer Beware – pps. 6-11;The Language of Algebra – pps. 186-187; p. 213	
7.1.B		Math Connects: Chapter 2 Section 4, Explore 2-4, Explore 2-5, Explore 2-6, Explore 2-8; Mathscape: Making Mathematical Arguments – pps. 96-103; pps. 124-127	
7.1.C		Math Connects: Chapter 2 Sections 4, 5, 6, 8 Chapter 5 Sections 2, 3, 5, 7(Concepts and Skills Bank) pps. 735-738; Mathscape: From Wholes to Parts – pps. 120-141; pps. 151-161; Besides the Point – pps. 220-229; pps. 260-264	
7.1.D		Math Connects: Chapter 5 - Sections 2, 3, 4, 5, 7 Chapter 7 - Sections 1, 2, 3, 4, 5; Mathscape: Glossary course 2 – p. 314	
7.1.E		Math Connects: Chapter 3 - Section 5; Mathscape: Language of Algebra – pps. 204-211; pps. 221-223	
7.1.F		Math Connects: Chapter 3 - Section 1, pp. 154-155; Mathscape: Language of Algebra – pps. 184-187; p. 199; pps. 204-205; pps. 210-213;	
7.1.G		Math Connects: p. 245, p. 256, p. 269; Mathscape: Buyer Beware - pps. 12-13; p. 37 (#1-8)	
7.2.A		Math Connects: p. 54-55, p. 253, p. 330, 7-3; Mathscape: Besides the Point – p. 121 (Fractions Add/Subtract); pps. 134-135 (Fraction Mult.);	
7.2.B		Math Connects: Chapter 6-Sections 6, 8 Chapter 7-Section 2 Chapter 10-Section 7; Mathscape: p. 139 (Fraction Division); p. 220 (Decimal Add); p. 223 (Decimal Mult.); pps. 235-236; p. 263; p. 267(%)	

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7.2.C		Math Connects: Chapter10-Section 7; Mathscape: Gulliver's World – pps. 282-283; 309-312 Getting in Shape – pps. 280-282; p. 305	
7.2.D		Math Connects: Chapter 6-Section 8, Extend 6-8 pg. 327; Mathscape: Gulliver's World – The entire unit.	
7.2.E		Math Connects: Chapter 3-Section 7 Explore (pg. 162) and Extend (pg. 168) Activities; Mathscape: Roads and Ramps – pps. 244-245; p. 263 Buyer Beware – p. 41	
7.2.F		Math Connects: Chapter 6-Section 3; Mathscape: Roads and Ramps – pps. 242-245; pps. 262-263	
7.2.G		Math Connects: Chapter 6- Section 2; Mathscape: Buyer Beware – pps. 8-9; p. 35 Family Portraits – p. 280; p. 306 (#24)	
7.2.H		Math Connects: Chapter 6 - Section 6; Mathscape: Buyer Beware – pps. 18-19; pps. 39-41	
7.2.I		Math Connects: Chapter 6 - Sections 4, 5; Mathscape: Gulliver's World – pps. 280-283; pps. 292-293; p. 311; pps. 313-314	
7.3.A		Math Connects: Chapter 11 - Section 10, Chapter 12 - Section 5; Mathscape: Shapes and Space – pps. 108-109; p.128 (#14)	
7.3.B	8th	Math Connects: Chapter 7- Section 6; Mathscape: Shapes and Space – pps. 114-117; pps. 130-131	
7.3.C		Math Connects: pp. 157, 576, 622, 654-655; Mathscape: From the Ground Up – p. 178 (#9-10) Gulliver's World – pps. 304-305	
7.3.D		Math Connects: Chapter 11- Sections 9,10 Chapter 12 - Sections 4, 5; Mathscape: Shapes and Space – p. 125 (#10-13); p). 127 (#11-14); p. 129 (#8); p. 130-131; 133	

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7.4.A		Math Connects: Chapter 9 - Section 2; Mathscape: Chance Encounters – pps. 66-79; pps. 86-91, Looking Behind the Numbers – pps. 26-33; pps. 42-45	
7.4.B		Math Connects: Chapter 9 - Section 7; Mathscape: What Does the Data Say? – pps. 30-35; pps. 46-47, Chance Encounters – pps. 74-79; pps. 89-91	
7.4.C		Math Connects: Chapter 8 - Sections 1, 2; Mathscape: Looking Behind the Numbers – pps. 6-11; pps. 16-17; pps. 34-38	
7.4.D		Math Connects: Chapter 8 - Sections 3, 4, Chapter 10 - Section 3; Mathscape: Looking Behind the Numbers – pps. 12-13, pps. 16-17; pps. 37-38 (Stem/Leaf); p. 7 and p. 34 (Circle)	
7.4.E		Math Connects: Chapter 8 - Sections 8, 9; Mathscape: Looking Behind the Numbers – pps. 8-9; p. 35 (Probs. 13-15)	
7.5.A		Math Connects: Chapter 2 - Section 3; Mathscape: Patterns in Numbers and Shapes – pps. 340-345; pps. 360-362, Language of Algebra – pps. 194-197; p. 216-217	
7.5.B		Math Connects: Chapter 4 - Section 1; Mathscape: From Wholes to Parts – pps. 88-89 (Exponents); pps. 96-101; Making Mathematical Arguments - pps. 118-123; p. 133	
7.6.A		Math Connects: Chapter 1 - Sections 1, 5, Chapter 2 - Section 7, Chapter 3 - Section 4, Chapter 4 - Section 3; Mathscape: Making Mathematical Arguments – pps. 122-123; p. 135	All problem solving starts with 'understanding' the problem and determining what is being asked.

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7.6.B		Math Connects: Chapter 8 - Section 8; Mathscape: Chance Encounters – pps. 60-61; p. 84	
7.6.C		Math Connects: Chapter 1 - Section 5, Chapter 2 - Section 7, Chapter 3 - Section 4, Chapter 4 - Section 3, Chapter 5 - Section 4; Mathscape: Buyer Beware – p. 13	All problem solving investigations offer problems that can be solved by other strategies and the student must determine which strategy to use.
7.6.D		Math Connects: Chapter 1 - Sections 1, 5, Chapter 2 - Section 7, Chapter 3 - Section 4, Chapter 4 - Section 3, Chapter 5 - Section 4; Mathscape: Language of Algebra – pps. 210-211	To describe a process and verify the solution is part of every problem solving activity.
7.6.E		Math Connects: Chapter 1 - Section 1, Chapter 1 - Section 5, Chapter 2 - Section 7, Chapter 3 - Section 4, Chapter 4 - Section 3, Chapter 5 - Section 4, Chapter 6 - Section 7,	To communicate the solution is part of every problem solving activity.
7.6.F		Math Connects: Chapter 1 - Section 5, Chapter 2 - Section 7, Chapter 3 - Section 4, Chapter 4 - Section 3, Chapter 5 - Section 4, Chapter 6 - Section 7	All problem solving investigations offer problems that can be solved by other strategies and the student must determine which strategy to use.
7.6.G		Math Connects: Chapter 8 - Section 8; Mathscape: Getting Down to Business – pps. 246-247; p. 265	
7.6.H		Math Connects: Chapter 9 - Section 7 (Extend Activity 9-7); Mathscape: Chance Encounters – pps. 74-79	