

6th 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 6

Performance Expectation	Alt Grade	Specific Location(s) (i.e. page #, section #)	Additional notes
6.1.A		Math Connects: Chapter 3 - Section 2 (decimals), Chapter 4 - Section 6 (fractions), Chapter 7 - Section 3 (percents, #35-37), Chapter 11 - Section 1 (integers); Mathscape: From Wholes to Parts: pps: 110 - 115; pps: 215 - 215, 217	
6.1.B		Math Connects: Chapter 5 - Section 7 Explore 5-7, Section 9, Explore 5-9; Chapter 3 - Sections 7, 8, Explore Activity 3-9 Mathscape: From Wholes to Parts - pps. 130-133; pps. 136-137; pps. 156-159; Beside the Point 222-228	
6.1.C		Math Connects: Chapter 3 - Sections 6, 7, 8, Chapter 5 - Sections 6, 7, 8, 10 Mathscape: From Wholes to Parts – p. 134; p. 139; pps. 223-224; p. 226	
6.1.D		Math Connects: Chapter 5 - Sections 7, 8, 9, 10 Mathscape: From Wholes to Parts - pps. 130-141; pps. 156-161	
6.1.E		Math Connects: Chapter 3 - Section 6; Mathscape: From Wholes to Parts - pps. 222-223; p. 261	
6.1.F		Math Connects: Chapter 3 - Sections 6, 7, 8, 9; Mathscape: From Wholes to Parts - pps. 222-227; pps. 261-263	
6.1.G		Math Connects: p. 162, p. 168, p. 182, p. 178, p. 285, p. 292 Mathscape: From Wholes to Parts – p. 133; p. 138	

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6.1.H		Math Connects: (Decimals) (word problem practice) Chapter 3 - Sections 4, 5, 6, 7, 8, 9, 10(Fractions) (word problem practice) Chapter 5 - Sections 4, 5, 6, 7, 8, 9, 10 Mathscape: From Wholes to Parts - p. 131; p. 141; pps. 156-161; pps. 261-263	
6.2.A		Math Connects: Chapter 1 - Sections 6, 9, Chapter 6 - Sections 6, 7 Mathscape: Patterns in Numbers and Shapes – pps. 326-337; pps. 342-345; pps. 348-353; pps. 355-359	
6.2.B		Math Connects: Chapter 4 - Section 9 Mathscape: Patterns in Numbers and Shapes – pps. 340-345; pps. 361-362; p. 365	
6.2.C		Math Connects: Chapter 1 - Section 5, Chapter 3 - Sections 5 (p. 159) and Section 7 (p. 171); Mathscape: Patterns in Numbers and Shapes – pps. 326-337; pps. 355-359	
6.2.D		Math Connects: Chapter 1 - Section 4, Chapter 12 - Section 3, Chapter 12 - Section 4 Mathscape: Exploring the Unknown - Distributive Property - pps. 196-198; pps. 216-217	
6.2.E		Math Connects: Chapter 6 - Sections 6, 7, Chapter 12 - Sections 1, 3, 4, 5; Mathscape: Patterns in Numbers and Shapes - pps. 326-337; pps. 355-359	
6.2.F		Math Connects: Chapter 6 - Sections 6, 7, Chapter 12 - Sections 1, 3, 4, 5; Mathscape: Patterns in Numbers and Shapes–pps. 326-337; pps.358 (prob.18)-359 (prob.9)	

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Performance Expectation	Alt Grade	Specific Location(s) (i.e. page #, section #)	Additional notes
6.3.A		Math Connects: Chapter 6 - Sections 1, 2; Mathscape: Buyer Beware- pps. 16-1 and pps. 38	
6.3.B		Math Connects: Chapter 6 - Section 1; Mathscape: Buyer Beware – pps. 6-13 and pps. 34-37	
6.3.C		Math Connects: Chapter 7 - Sections 1,3; Mathscape: Besides the Point – pps. 232-235; pps. 265-266	
6.3.D		Math Connects: Chapter 6 - Sections 1,3, 4 (p. 338), Chapter 7 - Section 2 (graphs to verify answer), Chapter 7 - Section 7	These do ask to verify.
6.3.D		Math Connects: (word problem practice) Chapter 6 - Sections 3, 4, Chapter 7 - Sections 2, 8; Mathscape: Besides the Point – p. 237; p. 239; p. 241; p. 267 (#27-30); p. 269	
6.3.E		Math Connects: Chapter10, Section 2; Mathscape Getting in Shape – pps. 294-295; p. 310	
6.3.F		Math Connects: Extend Chapter 7 - Section 4 (p. 387); Mathscape: What Does the Data Say? – pps. 30-35; pps. 45-47	
6.3.G		Math Connects: Chapter 7 - Sections 4, 5 (#19, 21, 22); Mathscape: What Does the Data Say? – pps. 30-35; pps. 45-47	
6.4.A		Math Connects: Chapter10 Section 2; Mathscape: Getting in Shape – pps. 294-295; pps. 298-299; p. 310 and p. 312	
6.4.B		Math Connects: Chapter10 - Section 4 (p. 543), 10-4 (Enrichment PG 540B), (Concepts and Skills Bank) pps. 753-754	

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6.4.C		Math Connects: Chapter 10 Section 2 (p. 532), LA 17-19 (Looking Ahead)	
6.4.D		Math Connects: Chapter 10 Section 7, (Concepts and Skills Bank) pp. 753-756	
6.4.E		Math Connects: Chapter 10 Section 6, 7	
6.4.F		Math Connects: LA 20-24 (Looking Ahead)	
6.4.G		Math Connects: (Concepts and Skills Bank) 755 Mathscape: Designing Spaces - pps. 186-189; pps. 202-203	
6.5.A		Math Connects: pps. 226, 283, 294, 377, 378, 541, 632; Mathscape: Besides the Point – pps. 103-104 (whole numbers) p. 121 (Fractions Add/Subtract); pps. 134-135 (Fraction Mult.);	
6.5.B		Math Connects: Chapter 11 Section 1; Mathscape: Besides the Point – pps. 244-245	
6.5.C		Math Connects: Chapter 11 Section 1; Mathscape: Besides the Point – p. 270	
6.6.A		Math Connects: Chapter 1 - Sections 1,7, Chapter 2 - Section 1, Chapter 3 - Section 10, Chapter 4 - Section 4, Chapter 5 - Section 2; Mathscape: What Does the Data Say? – pps. 34-35	All problem solving starts with 'understanding' the problem and determining what is being asked.
6.6.B		Math Connects: Chapter 1 - Section 1; Mathscape: The Language of Numbers - p. 75	

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6.6.C		Math Connects: Chapter 1 - Section 7, Chapter 2 - Section 1, Chapter 3 - Section 10, Chapter 4 - Section 4, Chapter 5 - Section 2, Chapter 6 - Section 5; Mathscape: Patterns in Numbers and Shapes – pps. 352-353	All problem solving investigations offer problems that can be solved by other strategies and the student must determine which strategy to use.
6.6.D		Math Connects: Chapter 1 - Sections 1, 7, Chapter 2 - Section 1, Chapter 3 - Section 10, Chapters 4 - Section 4, Chapter 5 - Section 2, Chapter 6 - 5; Mathscape: Patterns in Numbers and Shapes – pps. 352-353	To describe a process and verify the solution is part of every problem solving activity.
6.6.E		Math Connects: Chapter 1 - Sections 1,7, Chapter 2 - Section 1, Chapter 3 - Section 10, Chapter 4 - Section 4, Chapter 5 - Section 2; Mathscape: Language of Numbers – p. 79	To communicate the solution is part of every problem solving activity.
6.6.F		Math Connects: Chapter 1 - Section 7, Chapter 2 - Section 1, Chapter 3 - Section 10, Chapter 4 - Section 4, Chapter 5 - Section 2, Chapter 6 - Section 5; Mathscape: What Does the Data Say? – pps. 32-33	All problem solving investigations offer problems that can be solved by other strategies and the student must determine which strategy to use.
6.6.G		Math Connects: Chapter 2 - Section 8; Mathscape: What Does the Data Say? – pps. 24-27	
6.6.H		Math Connects: Chapter 2 - Section 8, p. 387; Mathscape: What Does the Data Say? – pps. 18-19	