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	Correlation of <i>Moving with Math® Extensions Grades 5-8</i> To Missouri's Framework for Curriculum Development		
		Student Book	Skill Builders
	I. PROBLEM SOLVING		
	By the end of grade 8, all students should know:		
1.	A variety of problem-solving strategies (such as organizing data, drawing a picture, looking for a pattern, writing an expression using a variable)	Gr. 5: 13-15, 26, 35, 40 Gr. 6: 4, 16, 17, 29, 33, 41, 48 Gr. 7: 13-17, 21,31, 42, 43 Gr. 8: 9-11, 14, 76- 80	Gr. 5: 8-1, 16-1, 45-1, 45-2 Gr. 6: 5-1, 5-2, 16-1, 16-2, 19-2, 45-1 to 45-3, 45- 5, Gr. 7: 14-2, 22- 1, 22-2, 43-1 to 43-3, 44-1 Gr. 8: 43-1 to 43- 3, 47-1, 50-1 to 50-3, 59-1, 60-1
2.	Computational strategies with whole numbers, decimals, fractions, and integers.	Gr. 5: 20, 27, 28, 47 Gr. 6: 3, 7, 8, 19, 43 Gr. 7: 15, 22, 26, 32 Gr. 8: 40	Gr. 5: 9-1, 11-1, 11-2, 26-1, 44-1, 44-2 Gr. 6: 3-1, 3-2, 26-1, 43-1 49-1, 49-2 Gr. 7: 11-5,15-1, 43-4, 50-1
3.	Models, calculators, computers, charts, and graphs may be used to organize and solve problems.	Gr. 5: 34, 42 Gr. 6: 21, 22, 25, 45, 47 Gr. 7: 18, 22, 52, 53 Gr. 8: 38, 39	Gr. 5: 14-1, 15-1 to 15-3, 22-1, 23- 1 Gr. 6: 11-2, 13-1, 14-1, 27-2, 28-2, 29-1, 30-1 Gr. 7: 27-1, 28-1, 45-1, 50-1, 52-2

		Student Book	Skill Builders
4.	mathematical problem-solving strategies can apply to all disciplines and real-world problems.	Gr. 5: 19, 21, 33 Gr. 6: 9, 18, 19, 33, 49 Gr. 7: 14, 31, 35, 38 Gr. 8: 13, 14, 28, 38, 51	Gr. 5: 46-1, 46-2 Gr. 6: 19-2, 45-4, 46-1, 46-2, 50-2 Gr. 7: 14-2, 18-1, 43-1 to 43-3, 44- 1, Gr. 8: 19-1, 19-2, 27-1, 28-1, 45-1, 47-1, 52-2
1.	The language of mathematics may be used through reading, writing, listening, and speaking.	Gr. 5: 43, 46, 64 Gr. 6: 39, 49 Gr. 7: 15, 22, 31, 51	Gr. 5: 47-1, 48-1 Gr. 6: 45-4 Gr. 7: 14-2, 27-1, 43-4, 50-1
2.	How to represent mathematical ideas with visual models.	Gr. 5: 30, 41 Gr. 6: 27, 41 Gr. 7: 29, 71 Gr. 8: 7, 33	Gr. 5: 21-1 Gr. 6: 15-1 Gr. 7: 13-1, 13-2 Gr. 8: 1-1, 7-1, 8- 1, 9-1, 10-1
3.	Mathematical symbols may be used to represent a variety of situations.	Gr. 5: 35 Gr. 6: 36 Gr. 7: 71, 72	Gr. 5: 16-1 Gr. 7: 39-1
4.	That information may be organized in a variety of ways.	Gr. 5: 29, 42 Gr. 6: 23 Gr. 7: 29 Gr. 8: 27	Gr. 5: 22-1, 23-1 Gr. 7: 13-1 to 13- 3 Gr. 8: 18-1
1	III. KEASUNING	Gr. 5:10.11	Gr 5.49-1 49-2
1.	forms to look for patterns and relationships.	Gr. 6: 1, 23, 26 Gr. 7: 3, 10, 25 Gr. 8: 2, 29, 34, 35	Gr. 6: 1-1 Gr. 7: 5-1, 9-1, 11-4, 26-2 Gr. 8: 5-1, 20-1, 20-2, 25-1, 25-2
2.	Results must be justified.	Gr. 5: 49	Gr. 5: 45-3 to 45- 5

		Student Book	Skill Builders
3.	Geometric and number properties.	Gr. 5: 57-59 Gr. 6: 42 Gr. 7: 7-9, 11, 28 Gr. 8: 74, 75	Gr. 5: 38-1, 38-2, 39-1 Gr. 7: 7-1, 8-1, 10-1, 10-2, 12-1 to 12-3 Gr. 8: 58-4
	IV. CONNECTIONS		
1.	Problems may be looked at in more than one way.	Gr. 5: 7, 39, 44 Gr. 6: 33, 37 Gr. 7: 23, 29, 38, 46 Gr. 8: 16	Gr. 5 : 4-1, 19-1, 24-1 GR. 6 : 19-2, 23- 1, 23-2 GR. 7 : 13-1 to 13- 3
2.	Mathematics is used on other subject areas.	Gr. 5: 43 Gr. 6: 33, 60 Gr. 7: 62	Gr. 6: 19-2, 41-1 Gr. 7: 34-1
3.	Mathematics is used in the real world.	Gr. 5: 8, 15 Gr. 6: 28, 42 Gr. 7: 20, 33, 35, 62 Gr. 8: 14, 25, 37, 50	Gr. 5: 5-1, 5-2, 8- 1 Gr. 6: 18-1 Gr. 7: 16-1, 16-2, 17-1, 18-1, 34-1, 48-1, 48-2 Gr. 8: 44-1, 47-1
	V NUMBER SENSE		
1.	Addition, subtraction, multiplication, and division with rational numbers.	Gr. 5: 17, 24, 25, 37, 38 Gr. 6: 10, 11, 30, 31 Gr. 7: 7-9, 11, 33, 39, 44, 45 Gr. 8: 20, 21, 31, 32, 71-73	Gr. 5: 8-3, 10-2, 10-3, 17-1 to 17- 4 Gr. 6: 8-1, 8-2, 9- 1, 17-1, 17-2 Gr. 7: 7-1, 8-1, 10-1, 10-2, 16-1, 16-2, 17-1, 18-1, 34-1 Gr. 8: 12-1, 12-2, 13-1, 13-2, 22-1, 23-1, 23-2, 58-1 to 58-3
2.	Numbers and their relationships can be represented in multiple forms.	Gr. 5: 5, 6 Gr. 6 : 2, 23, 35, 40 Gr. 7: 3, 4, 36 Gr. 8: 1, 36	Gr. 5: 3-1, 3-2 Gr. 6: 2-1, 21-1, 22-1, 25-1 Gr. 7: 3-1, 5-1,19- 1, 19-2 Gr. 8: 4-1, 26-1, 26-2, 46-1, 57-2

		Student Book	Skill Builders
3.	The appropriate use of technology.		
	VI CEOMETRIC AND SPATIAL SENSE		
1.	Structures of measurement systems.	Gr. 5: 1, 54- 57 Gr. 6: 51, 55, 58 Gr 7: 56, 57, 63- 65, 73 Gr. 8: 47, 60-63	Gr. 5: 35-1, 36-1, 38-1 Gr. 6: 36-2, 37-1, 39-1, 39-2, 42-1 Gr. 7: 30-1, 30-2, 34-2, 36-1 Gr. 8: 32-2, 39-1, 40-1, 41-1, 55-1, 55-2
2.	Descriptions of two- and three-dimensional shapes and their relationships.	Gr. 5: 51, 52 Gr. 6: 52, 53, 56, 57 Gr. 7: 54, 55, 59- 61 Gr. 8: 42, 44-47, 58-61	Gr. 5: 31-2, 32-1, 32-, 33-1, 37-1 Gr. 6: 33-1, 34-1, 38-1, 38-2 Gr. 7: 29-1, 29-2, 31-1, 32-1, 33-1 Gr. 8: 29-1, 31-1, 31-2, 32-1, 32-2, 38-1, 39-1
3.	Geometric shapes are found in the real world.	Gr. 5: 48, 53, 54 Gr. 6: 50, 51, 54, 59 Gr. 7: 56, 57 Gr. 8: 33, 42, 52, 53	5E: 34-1, 35-1 6E: 32-1, 31-1, 37-1, 35-1, 40-1 7E: 30-1, 30-2 8E: 29-1, 53-1
	VII. DATA ANALYSIS, PROBABILITY AND STATISTICS		
1.	Standard measures of central tendency.	Gr. 5: 22, 45 Gr. 6: 19, 24, 37, 62 Gr. 7: 65-67, 63 Gr. 8: 41, 42, 48, 49, 56, 57, 67, 68	Gr. 5: 25-1 Gr. 6: 12-1, 12-2, 23-1, 23-2 Gr. 7: 34-2, 35-1, 35-2, 37-1 Gr. 8: 29-1, 33-1, 34-1, 35-1, 36-1, 37-1, 37-2, 48-1

		Student Book	Skill Builders
2.	Methods to analyze data.	Gr. 5: 44, 61, 62 Gr. 6: 24, 64 Gr. 7: 16, 65, 67 Gr. 8: 48, 49	Gr. 5: 24-1, 41-1, 42-1 Gr. 6: 12-1, 12-2, 23-1, 23-2 Gr. 7: 35-1 Gr. 8: 33-1
3.	Methods of representing analyzed data.	Gr. 5: 50, 60, 63 Gr. 6: 61, 63 Gr.7: 58, 78-80 Gr. 8: 15	Gr. 5: 31-1, 40-1, 47-2 Gr. 6: 44-1, 48-1 Gr. 7: 46-1, 47-1 to 47-3 Gr. 8: 47-2
4.	Similarities and differences in theoretical and experimental probabilities.	Gr. 5: 61 Gr. 6: 20, 60 Gr. 7: 67, 77 Gr. 8: 26, 35	Gr. 5:: 41-1 Gr. 6: 11-1, 11-3, 41-1 Gr. 7: 35-1, 43-6, 46-1,4 7-1 Gr. 8: 47-3
5.	The appropriate use of technology.	Gr. 7: 71, 79	Gr. 7: 47-2
	VIII. PATTERNS AND RELATIONSHIPS		
1.	Mathematical ideas may be represented with visual models.	Gr. 5: 1, 35 Gr. 6: 29 Gr. 7: 3, 10 Gr. 8: 19, 24, 76	Gr. 5: 16-1 gr. 6: 16-1, 16-2 Gr. 7: 5-1, 9-1 Gr. 8: 16-1, 17-1
2.	mathematical symbols can be used to represent real-world situations.	Gr. 5: 31 Gr. 6: 32, 39 Gr. 7: 30, 40, 41 Gr. 8: 23, 25, 64, 65	Gr. 5: 12-1 to 12- 3 Gr. 6: 19-1 Gr. 7: 14-1, 21-1, 21-2 Gr. 8: 56-1
3.	Patterns and relationships can be represented in a variety of ways.	Gr. 5: 2, 8 Gr. 6: 12, 15, 46 Gr. 7: 3, 7, 24, 25, 48 Gr. 8: 5, 8, 18, 22	Gr. 5: 1-1, 5-2, 5-3 Gr. 6: 10-1, 28-1 Gr. 7: 5-1, 7-1,11- 1 to 11-4, 25-2, 26-2 Gr. 8: 12-1, 14-1, 15-1

		Student Book	Skill Builders
4.	Information can be organized to look for a pattern or relationship.	Gr. 5: 3, 4, 9, 10 Gr. 6: 14, 15 Gr. 7: 2, 6 Gr. 8: 30, 68, 69	Gr. 5: 2-1, 6-1, 7- 1 Gr. 6: 50-1 Gr. 7: 6-1, 6-2 Gr. 8: 21-1, 48-1, 58-4
5.	Patterns can be geometric and/or numeric.	Gr. 5: 16, 23, 36 Gr. 6: 13, 15, 38 Gr. 7: 6, 27, 49 Gr. 8: 4, 17, 54, 55, 70	Gr. 5: 8-2, 10-1, 12-3 Gr. 6: 10-2, 10-3, 24-1 Gr. 7: 6-1, 6-2, 26-1 Gr. 8: 3-1, 11-1, 54-1, 49-1
	IX. MATHEMATICAL SYSTEMS AND NUMBER THEORY		
1.	Commutative, associative, and distributive properties.	Gr. 5: 47, 49 Gr. 6: 5, 6, 9, 11, 34 Gr. 7: 5 Gr. 8: 3, 77	Gr. 5: 26-1, 45-3, 45-4 Gr. 6: 6-1, 7-1, 9- 1, 20-1, 27-1, 50- 2 Gr. 7: 2-1, 2-2 Gr. 8: 21-2
2.	Properties of zero and one.	Gr. 5: 18 Gr. 6: 42 Gr. 7: 7, 8, 12, 21 Gr. 8: 12	Gr. 5 : 50-1 Gr. 7: 1-1, 7-1, 8- 1, 44-2 Gr. 8: 24-1
3.	Patterns may be used to describe relationships for multiples, factors, and exponents.	Gr. 5: 32, 36 Gr. 6: 46, 15 Gr. 7: 1, 4, 10, 37, 47 Gr. 8: 6, 8, 39	Gr. 5: 12-3, 13-1 Gr. 6: 28-1 Gr. 7: 3-1, 4-1, 4- 2, 9-1, 20-1, 25- 1 Gr. 8: 6-2, 42-1, 51-1
4.	Order of operations.	Gr. 5: 49 Gr. 7 : 7, 8, 15 Gr. 8: 11	Gr. 5: 45-3 to 45- 5 Gr. 7: 7-1, 8-1, 43-4 Gr. 8: 43-3
	X. DISCRETE MATHEMATICS		

	Student Book	Skill Builders
1. Definition and example of patterns.	Gr. 5: 36 Gr. 6: 32 Gr. 7: 26, 50	Gr. 5: 12-3 Gr. 6: 19-1 Gr. 7: 11-5, 46-1
2. Definition and example of tree diagrams.		
3. Definition and examples of Venn diagrams.		
4. Definition and examples of networks.		