

CORRELATION OF *MATHLINKS*: GRADE 7 TASKS AND PROJECTS TO *MATHLINKS* BIG IDEAS STANDARDS FOR MATHEMATICAL PRACTICE

Packet – Task (T) / Project (P)	Title	Common Core Standard Domains And <i>MathLinks</i> Big Ideas						Standards for Mathematical Practice							
		(7.RP.A, 7.G.A) Apply proportional reasoning to ratios, rates, percent, and scale.	(7.NS.A) Operate with rational numbers and solve problems.	(7.EE.AB) Use algebra as a problem solving tool.	(7.G.A) Develop spatial reasoning in two- and three-dimensions.	(7.G.B) Solve problems involving measurements of geometric objects.	(7.SP.AB) Sample to understand populations and statistics.	(7.SP.C) Find the likelihood of events with probability.	(SMP 1) Make sense of problems and persevere in solving them.	(SMP 2) Reason abstractly and quantitatively.	(SMP 3) Construct viable arguments and critique the reasoning of others.	(SMP 4) Model with mathematics.	(SMP 5) Use appropriate tools strategically.	(SMP 6) Attend to precision.	(SMP 7) Look for and make use of structure.
1T	Fair or Unfair?	?					x	x	x	x	x		x	x	x
1T	Strange Spinners	?					x	x	x	x	x		x	x	x
1P	Design a Game	?					x	x	x	x	x	x	x	?	?
1P	Intransitive Spinners	?		x			x	x	x	x	x		x	x	x
2T	Savings	x	x	x				x	x	x	x		x	x	x
3T	T-Shirts	x						x	x	x	x		x	x	x
3P	Bubble Teas	x	x					x	x	x	x	x	x	x	x
4T	Fixing the Pipe		x					x	x	x			x	x	
5T	Integer Card Game		x					x	x	x			x	x	
5P	Integer Operations Game		x								x	x			
6T	Rectangle Reasoning		x	x		x		x	x	x	x		x	x	x
7T	Hanging Pictures		x	x		x		x	x				x	x	
7T	Reasoning About Solutions			x				x	x	x	x		x	x	x
7P	Create A Four In a Row Equations Game		x	x				x	x	x			x	x	x
8T	Paperfolding Polygons		x	x	x	x		x	x	x		x	x	x	x
8P	Pattern Block Protractor			x	x	x		x	x	x		x	x	x	x
8P	Fruity Cross-Sections				x					x		x	x	x	x
9T	The United States Flag	x	x			x		x	x	x	x	x	x	x	x
9P	Pitching Pennies	x	x		x	x	x	x	x	x	x	x	x	x	x
10T	Investigating Box Plots						x	x	x	x			x	x	x
10P	A Fishing Competition						x	x	x	x		x	x		