

CORRELATION OF *MATHLINKS*: GRADE 6 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							
		(8.NS.A) Complete the real number system.	(8.EE.A) Explore exponents and roots, and very large and very small quantities.	(8.EE.C) Solve linear equations in one variable and linear systems in two variables.	(8.EE.B, 8.F.A, 8.F.B) Create, analyze, and use linear functions in problem solving.	(8.G.A) Use transformational geometry to investigate congruence and similarity.	(8.G.A, 8.G.B) Discover and apply properties of lines, angles, and triangles, including the Pythagorean Theorem.	(8.G.C) Extend applications of volume to cylinders, cones, and spheres.	(8.SP.A) Explore bivariate data.	(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	All About Angles					x			x	x	x			x	x	x
1P	Packing Problems							x	x	x	x	x	x	x	x	x
1P	Shapes in Our World							x	x	x	x	x	x	x	x	x
4T	Growing Squares				x				x	x	x	x		x	x	x
6T	Phone Battery				x				x	x	x	x		x	x	
6P	Vitruvian Man				x			x	x	x	x	x	x	x	x	x