

CORRELATION OF *MATHLINKS*: GRADE 6 TASKS AND PROJECTS TO *MATHLINKS* BIG IDEAS STANDARDS FOR MATHEMATICAL PRACTICE

| Packet | Title Task Project | Common Core Standard Domains and <i>MathLinks</i> Big Ideas | | | | | | Standards for Mathematical Practice | | | | | | | |
|--------|------------------------------|--|---|---|--|---|---|---|---|---|--|---------------------------------|--|------------------------------|---|
| | | (6.NS.AB) Gain computational fluency with positive rational numbers. | (6.RP.A) Explore and apply ratio and rate reasoning and representations | (6.EE.AB) Rewrite and evaluate expressions and solve equations. | (6.EE.C) Explore relationships between inputs and outputs. | (6.NS.C) Extend the number system to include negatives. | (6.G.A) Investigate concepts and solve problems involving length, area, and volume. | 6(SP.AB) Use statistical measures and displays to describe center and spread. | (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 | Choosing a Mascot | | | | | | x | x | x | x | x | | x | x | x |
| 1P | Conduct a Survey | | | | | | x | x | x | x | x | x | x | | |
| 3T | The Toothpaste Problem | x | x | | | | | x | x | | | | x | x | x |
| 3P | Our Heritage Through Food | x | x | | | | | x | | | | x | x | x | x |
| 7T | Soccer Fundraiser | x | x | x | x | | | | x | x | x | | x | x | x |
| 7T | Pineapple Party | x | x | x | | | | x | x | x | | | x | x | x |
| 7P | A Savings Problem | x | x | x | x | | | x | x | x | x | x | x | x | x |
| 9T | Baseball Packaging Problem | x | x | | | | x | x | x | | | x | x | x | x |
| 9P | Construct a Box | | | | | | x | | | | | x | x | | |
| 9P | How Many Plastic Bottles | x | x | | | | x | x | x | x | x | x | x | x | x |
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