M&M Gear Set --- Teaching Opportunities

1. Fraction – decimal – percentage conversions
2. Ratios
3. Angular
4. Motion – directional change
5. Circumferences
6. Diameter & Radial math (Distance between centers)
7. Radians ( Tooth width X # of teeth / Pi)
8. Circular – Linear motion
9. Simple machines – mechanisms
10. Distance traveled & force
11. Life science- digestive system - Flagella
12. Add to the design for other functions
13. Model convections
14. Alloys
15. Moon phases
16. Time
17. Energy transfer (windmill)
18. Trigonometry
19. Animal Kingdom
20. Surface area vs. volume