Name: _____ **Date:** _____

Pop Rockets Activity – Rocket Weight/Height Worksheet

	Launch 1 →	Launch 2 →	Launch 3 →	Launch 4 →	Launch 5 →	Launch 6 →	Launch 7 →	Launch 8 →	Average weight for each height row.
10 feet									
9 feet									
8 feet									
7 feet									
6 feet									
5 feet									
4 feet									
3 feet									
2 feet									
1 foot									
0 feet									

Instructions

1. For each launch, determine the weight of the rocket to be launched in grams.
2. Once the rocket is launched, determine how high it flew.
3. Write the weight in the box at point where the launch column and height row intersect.
4. Once eight launches have taken place, look at each height row and calculate the average weight for that height (add all the weight values in that row and then divide that number by the number of launches, normally eight). Write this number in the final column. Is there a pattern? _____