

Car Experiment



By Kaylee and Sophia

Our Hypothesis



Our Hypothesis was that the heavier the car is the farther it would go. We decided to test this hypothesis. Sophia decided to come up with a graph that would set all the data into order.

First we weighed the cars, plotted them, and we set up a ramp at different heights starting from one foot all the way to two four foot. We tested all the cars down the ramp to see which would go farthest. These are the cars we used and the weight of them



~The Growler {31g}



~The Backdrafter {42g}



~MatchBox {28g}



~K-15 {36g}



Skater punk {31g}

The Table

	Car names	Match box	Growler	Back drafter	K-15	Skate Punk
	Trials	#1	#2	#3	#4	#5
	1ft	9ft 11in	20ft 5in	8ft 11in	9ft 1in	15 ft
	2ft	5ft	7ft 2in	6ft 7in	5ft 1in	8ft 3in
	3ft	7ft 6in	9ft 11in	10ft 5in	8ft 6in	7ft 11in
	4ft	6ft1	14ft 5in	17	8ft 10	10ft in

Conclusion

The conclusion Kaylee and I came up with was that the car with the most weight {The Backdrafter which came up with 41g} The Backdrafter went the farthest at 4 feet, however, the Growler went the farthest at 2 feet. So it turned out that our hypothesis was wrong but the answers did very! This taught us that playing with cars, is not all a no brainer