**Questions: 1) What was your prediction for which rocket would go the further before you began the experiment?**

***Please submit your results and the answers to the questions to your science teacher. Feel free to send along pictures of your rockets as well!***

 **(*for after* 2) What nose cone length flew the furthest? Why do you think that was the case?**

***experiment*) 3) Why did the NASA scientists (Allen, Burton, Liston and Losier) ask for the trials to be done inside?**

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| --- | --- | --- | --- | --- | --- |
| ***Length of Nose Cone in (cm)*** | ***Trial 1*** | ***Trial 2*** | ***Trial 3*** | ***Average or Mean******(Add up the trial distances and divide by the number of trials)*** | ***Notes:******This activity should be done indoors!*** |
| ***EXAMPLE******NMS #1******Nose Cone*** 1. ***cm)***
 | ***500.0cm*** | ***425.0cm*** | ***575.0cm*** |  ***500.0*** ***425.0******+ 575.0*** ***1500.0******1500.0 ÷ 3= 500.0cm*** |  |
| **Rocket #1** |  |  |  |  |  |
| **Rocket #2** |  |  |  |  |  |