Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Stomp Rocket Challenge**

You will launch your rocket twice today. You are required to **video and/or time your launch**. Video would be the best, so we can review it later and upload it to your website. You should time it from when it launches to when it touches the ground. Every student is required to fill out his/her own data chart below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Total Time Rocket in Air (sec) | Time of free fall (1/2 total time) | Initial Velocity Speed (Launch)***v=at*** | Final Velocity Speed (Impact)***v=at*** | Peak Height of Rocket (Apex)**d=vavg x t** |
| Flight #1 |  |  |  |  |  |
| Flight #2 |  |  |  |  |  |

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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