



# Rockets!: Student Activity Sheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Part 2: The Challenge - Deliver the Payload

Using the rocket, determine how much water and effervescent tablets you need to deliver a payload into “outer space.” Each test launch costs a lot of money, so **fewer** launches are better.

Launch #	Amount of Water (mL)	Sketch the Amount of Effervescent Tablet	Deliver Payload (Circle one)
1			Y    N
2			Y    N
3			Y    N
4			Y    N
5			Y    N
6			Y    N
7			Y    N
8			Y    N
9			Y    N
10			Y    N
11			Y    N
12			Y    N

How many launches did it take to complete the challenge? \_\_\_\_\_

## Part 2: Extension - How High Can You Fly?

Continue to change the amount of water and effervescent tablet and see how high you can launch the rocket.

Launch #	Amount of Water (mL)	Sketch the Amount of Effervescent Tablet	Approximate Height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

How did you measure the height your rocket flew? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_