

Quarter Physics Project Rubric

1st Quarter Project Part 2 = Launching of Rocket

Name: _____

Period: _____ Date: _____

Water Level at Launch (0 – 1500 mL)	Air Pressure at Launch (0-100 psi)	Time of Flight (launch to ground in s)

<u>Scoring Category</u> Explanation	Earns 5 Pts	Earn 4 Pts	Earn 3 Pts	Earn 2 Pts	Earn 1 Pt	Weight Multiply	Points Earned
<u>Rocket Complete</u> Is your rocket built?	Rocket Completed				Rocket Not Completed	x 5	
<u>Craftsmanship</u> Is your rocket well-built?	Construction carefully planned and executed and free of flaws	Construction carefully planned and executed but not free of flaws	Construction carefully planned but not carefully executed	Construction not carefully planned but is carefully executed	Construction not carefully planned and not carefully executed	x 3	
<u>Artistic Quality</u> Is your rocket painted and decorated artistically?	Completely painted and decorated well	Completely painted with some decoration	Completely painted but not decorated	Not Completely painted and not decorated	Not painted or decorated	x 3	
<u>Name</u> Did you give your rocket a name and was it well-thought and unique?	Name clearly visible, well-thought, and unique	Name clearly visible, missing one of the other requirements	Name clearly visible, missing both of the other requirements	Name barely visible	Name not visible	x 1	
<u>Rocket Launches</u> Does your rocket hold enough air to launch into the air	Rocket Launches				Rocket Unable to Launch	x 5	
<u>Time in Air</u> How long does your rocket fly in the air	8 seconds	6 seconds	4 seconds	2 seconds	0 seconds	x 3	
Total Points							