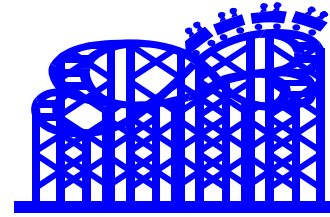


Name \_\_\_\_\_

**STEM Project:**  
**Roller Coaster Physics:** Concepts & Terms



*Define the following in your own words.*

Newton's 1 <sup>st</sup> Law of Motion	
Newton's 2 <sup>nd</sup> Law of Motion	
Newton's 3 <sup>rd</sup> Law of Motion	
Mass	
Friction	
Gravity	
Force	

Name \_\_\_\_\_

Potential Energy	
Kinetic Energy	
Acceleration	
Centripetal Force	
Inertia	
Momentum	
Weight	
Weightlessness	
Speed	
Velocity	