

# INERTIA & GRAVITY VOCAB

## DIRECTIONS:

1. **COPY & PASTE** the **definition** of each word in your **digital notebook**.
2. **DRAW** and label a quality **COLOR** picture of each concept and upload to your **digital notebook** next to the definition. (Do not copy and paste images from the internet)

1. **FORCE**: anything that acts to **change the movement** position or shape of an object (a **Push or Pull**).
2. **NEWTON'S FIRST LAW OF MOTION**: objects in **motion** tend to **stay in motion**. Objects at **rest** tend to **stay at rest** *unless* **acted upon** by an **outside force**.
3. **INERTIA**: the property of matter that causes it to **resistance** **change** in **motion** or **position**
4. **GRAVITY**: the **force** of **attraction** between any two bodies of matter. (*matter attracts matter*)
5. **CENTRIFUGAL FORCE** – the force **outwards** when moving in a circle (really Newton's First Law of Motion)