**Projectile Motion and Gravity**

 The accepted value for an object accelerated by Earth’s gravity is

This assumes:

**The Shape of a Projectile’s Path**

Back in “*ye olde days*”

 Artillerists through a projectile would

 It actually looks like

In Physics 11 we will \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The shape of a projectile’s path is a

**Key Features:**

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**Extra Note:**

When something is *dropped* it means

Ex:

1. A cannonball is launched from the ground upward at a velocity of 25m/s towards Steve. If Steve is standing on a 12m tall scaffold. How long does Steve have to live?
2. When does the cannonball reach 32m in height?
3. What is the maximum height of the cannonball?