

Chapter 11: Forces

Laws of Motion

inertia

Newton's 1st Law

What are the risks of
Air Bags?

Newton's 2nd Law

equation

Newton (N)

Do practice problem
#1 on page 351

What is unusual about
Newton's birth?



Gravity

Law of Universal
Gravitation

equation

How does mass affect
gravity?

How does distance
affect gravity?

free fall

weight

equation

How is weight different
from mass?

projectile motion

Diagram the horizontal
and vertical motion of
a projectile.

Newton's 3rd Law

Law of action/reaction

3 characteristics of
action/reaction forces

momentum

equation

Do practice problem
#1 on page 363

3 characteristics of
momentum

Law of conservation of
momentum



1)

2)

3)



1)

2)

3)

