



Topic/Objective:

Four Fundamental Forces

Khan Academy video notes

Name:

Class/Period:

Date:

Essential Question:

I can identify the Four Fundamental Forces of Nature.

I can recognize that the Common Macroscopic Forces are due to the Four Fundamental Forces.

Questions:

Circle the names of the four fundamental forces in your notes at the right.

Notes:

_____ is the weakest of the 4 fundamental forces.

The next weakest is the _____ (also known as the Nuclear Weak force). It is due to _____ decay.

An example of the Weak Interaction:

The nuclear weak force is _____ times stronger than gravity.

The Electromagnetic force is _____ times stronger than gravity.

The strongest of the four fundamental forces is the _____ force.

Draw the sketch from the video of the nucleus and include vectors to show the strong force.

The strong force is _____ times stronger than gravity.

Summary: *Why are we most aware of gravity when it is the weakest fundamental force?*

