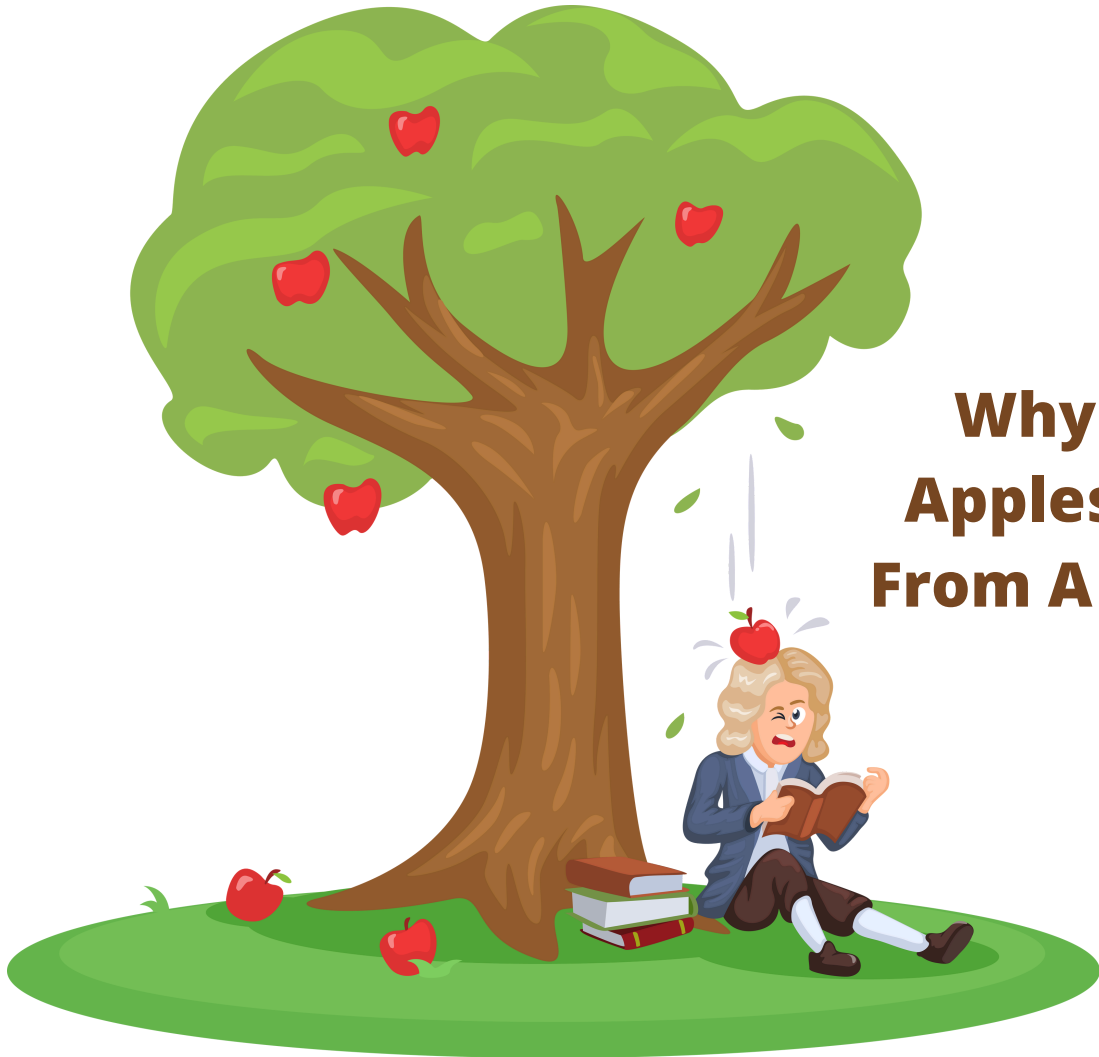


Mamas In Session

WHAT IS GRAVITY

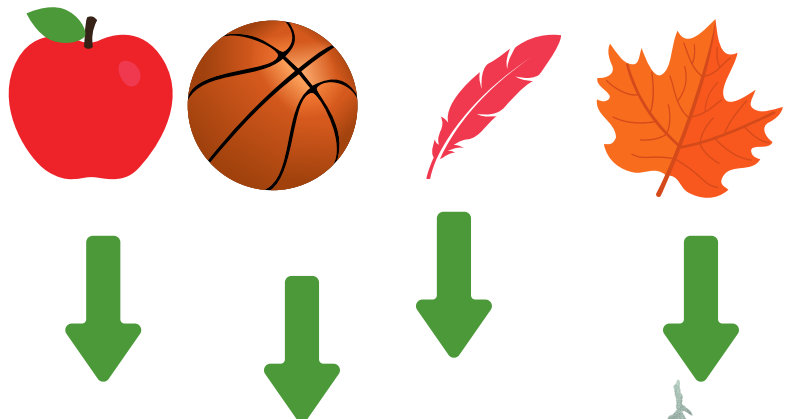


Why Do Apples Fall From A Tree?

What Goes Up, Must Come Down!



Sir Isaac Newton



Mamas In Session



Lesson Plan: What Is Gravity?

Objective:

Children will learn about gravity (things fall down) in a simple way, using apples as a hands-on example. They will also be introduced to Sir Isaac Newton, who discovered gravity by watching an apple fall.

Lesson Outline

1. Introduction (5 min)

Begin by reading a short apple-themed story (*Apple Farmer Annie* or *Ten Apples Up On Top*).

Show a picture of Sir Isaac Newton. Say: 'A long time ago, a man named Isaac Newton was sitting under an apple tree. An apple fell down and he asked, Why do things always fall down instead of up? That's how he discovered something called gravity.'

2. Mini Lesson on Gravity (5-10 min)

Hold up an apple. Ask: 'What happens if I let go?' (Drop it – it falls down.)

Explain: 'Gravity is a special force that pulls everything down to the ground.

That's why apples fall, balls bounce down, and why we stay on the ground instead of floating away.'

3. Hands-On Activity (10-15 min)

Apple Drop Experiment: Each child holds an apple at shoulder height and lets it go. Watch it fall and say together: 'Gravity pulled it down!'

Then have the group say: "What Goes Up, Must Come Down!!!"

Try dropping: a small apple vs. a big apple (both fall down).

Drop an apple vs. a leaf (talk about how they both fall, but the leaf falls slowly).

Mention how they fall at the same speed in reality, but because of air resistance the apple drops faster than the leaf! If there was not air the apple and the leaf would fall at the same speed, and that's gravity!

