

Force



Purpose: To provide some simple examples of force and how it's measured.

Location: room 136, shelf M3

Bathroom Scale – Weight: The gravitational force between you and Earth

Bungee Cords – more pull force = more stretch

Spring Scales – measuring pull using an instrument calibrated in SI units

1 Kilogram Hanger, 1 kg and 5 kg Masses – To demonstrate the relationship between weight and mass using a spring scale

Force Sensors (Pasco) – To illustrate force measurement using a strain gage type sensor (instructions enclosed)