

Forces experiments

AIM OF THE EXPERIMENT

The aim of this experiment is to give you an idea of the forces needed to do everyday things.

WHAT TO DO:

Use the Newton spring balances or Newton scales to find the force in Newtons needed to:

- A Open a drawer
- B Turn twenty pages of your text book
- C Push a drawing pin into a piece of wood
- D Pull a small stool across the floor
- E Pull a wheeled chair or stool across the room
- F Pull some sellotape off it's reel
- G Throw a shuttlecock
- H Turn on a water tap
- I Open a pair of scissors
- J Open a pencil case
- K Pull the top off a fountain pen
- L Pull down the board projector
- M Rip a piece of paper
- N Pull apart two pieces of glued paper.
- O Open a door (see if you can find one with a door closer fitted)