

IA Physics

Topic: bouncing balls

Research question: what is the relation between the height from which the ball falls and the time in the ball bounces back? What is the time depend on the height.

Lab:

There will be different height from 50cm to 100 cm, 2 different balls with different mass.

Drop the ball from the height and measure the high also the number of bounces.

The lab will find out the number of bounces of the ball with different height and different surface