

Module 2 - Introduction to Forces

Key points:

Units: $1\text{ N} = 1 \frac{\text{kg}\cdot\text{m}}{\text{s}^2}$

$F_{1\rightarrow 2} = F_{2\rightarrow 1}$ (Newton's third law)

$\Sigma F = ma$ (Newton's second law)

General approach:

- Draw FBD \rightarrow apply Newton's laws