Unit Overview – Forces 2

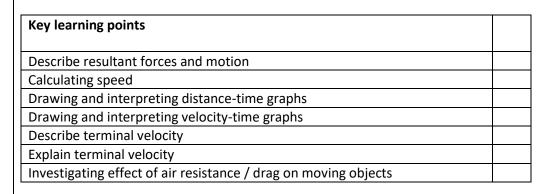
Target grade for tests:

You will learn about:

- Resultant forces
- Speed
- Motion-time graphs
- Terminal velocity
- Air resistance

Skills focus:

- Interpret a distance- time graph
- Interpret a velocity-time graph



Links to other subjects:

Maths

• Interpreting graphs

STEAM

Effect of air resistance on moving objects

Numeracy

- Understand surface area.
- Describe relationships in graphs.
- Using a formula

Literacy

• Use key scientific terminology to develop explanations.



Newton
Equilibrium
Resultant force
Friction
Air resistance
Gravity
Terminal velocity
Drag
Speed
Velocity
Distance
Time
Acceleration