

Forces - An introduction

Combined Science Key Stage 4 - Forces

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Assign each force into the correct category:

- Gravitational force
- Normal contact force
- Friction
- Air resistance
- Magnetic force
- Tension
- Electrostatic force
- Lift

Contact forces	Non-contact forces



Assign each example into the correct category:

- Mass
- Velocity
- Temperature
- Distance
- Displacement
- Acceleration
- Force
- Energy
- Time
- Speed

Scaler	Vector



Independent work

1. What 3 things can a force do to an object?

A force can change an object's sp....., d..... and sh.....

2. Can you identify 3 scalars? (Quantities that only have magnitude)

3. What is a contact force?

4. What is a non-contact force?

5. Why is a force a vector quantity?

6. What is the definition of velocity?

