

Science – Forces

Key vocabulary

- **push** – to apply a force to try and move an object away



- **pull** – to apply a force to try and move an object closer



- **force** – a push or pull



- **contact force** – a push or a pull that affects objects which are touching



- **friction** – a contact force that is caused by one object being pushed across the surface of another



Factual knowledge

- Forces are pushes or pulls.
- A contact force is a push or a pull that affects objects which are touching.
- Friction is a contact force that is caused by one object being pushed across the surface of another.
- Friction can stop or slow down a moving object.
- Smooth surfaces, such as ice, wood, and plastic, have lower levels of friction.
- Rough surfaces, such as concrete, sand and carpet, have higher levels of friction.

- **smooth** – an even surface



- **rough** – an uneven surface

