

Year 8 Physics Notes

1.1 Friction and Drag

What is friction?

- ♥ Friction is a force between two surfaces that are sliding or trying to slide across each other



What can affect friction?

- ♥ Different surfaces of which the materials are made from can affect friction. The rougher the surface, the more friction there is.

What increases friction?

- ♥ Moving in liquid
- ♥ Moving fast
- ♥ Non-streamlined shape
- ♥ Rough surfaces
- ♥ Large cross-section

What can reduce friction?

- ♥ Lubrication
- ♥ Moving slow
- ♥ Streamlined shape
- ♥ Smooth surfaces
- ♥ Small cross-section

What is a drag force?

- ♥ The force that slows you down in air or water

What is water resistance?

- ♥ The friction between your skin and the water

What is air resistance?

- ♥ A type of friction between air and another material

