



**What are we learning?**

Identify the effects of friction and air resistance.	Plan an investigation.	Carry out an investigation.	To identify the effects of water resistance.	To explore the effects of gravity.	To use small forces to greater effects.
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**Key vocabulary**

<b>Force</b>	A push or a pull.	
<b>Contact force</b>	A push or a pull that affects objects which are touching.	
<b>motion</b>	The change in the position of an object.	
<b>Air resistance</b>	A type of friction force on an object moving through the air.	
<b>parachute</b>	A piece of material which uses air resistance to slow something down	
<b>Water resistance</b>	A type of friction force on an object moving through water.	

**Key vocabulary**

<b>Lever</b>	A rigid object that can rotate around a pivot.	
<b>Pulley</b>	A cable on one or more wheels	
<b>Gear</b>	A wheel with teeth	
<b>Gravity</b>	An invisible force that pulls objects toward each other	

**Forces in Action**

