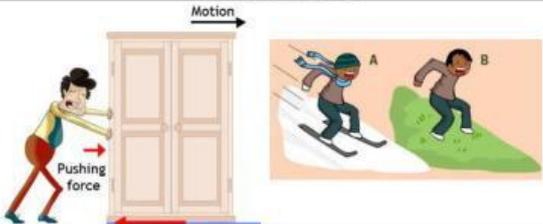
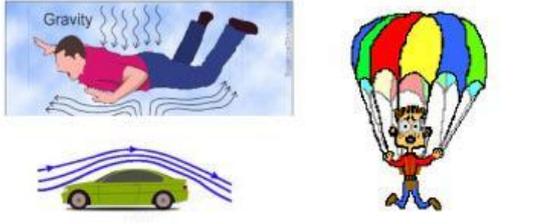
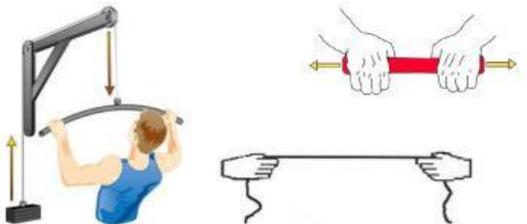
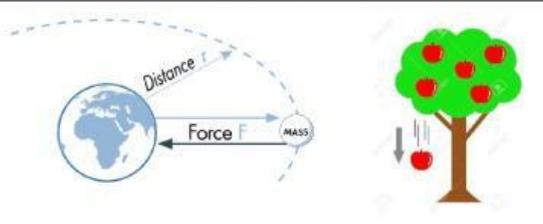


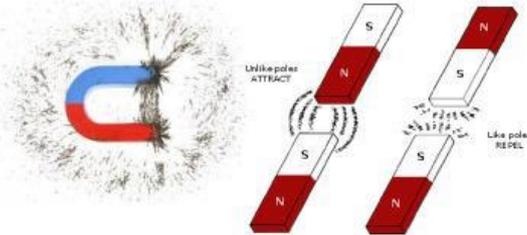
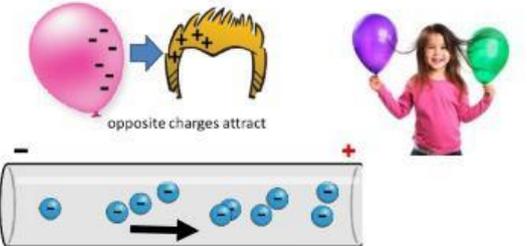
TYPES OF FORCES REFERENCE SHEET

Contact Forces: A force that can only act when two objects are touching (in contact).

FORCE	DEFINITION	EXAMPLES
	A force that slows the movement of a sliding object.	
	A type of friction that slows objects as they move through the air.	
	A force that is transmitted through a cable, rope, wire or string when it is pulled tight by forces acting from opposite ends.	
	A force that allows some materials to return to its original shape after being stretched or compressed.	

Non-contact Forces: A force that acts between two objects that are not touching (not in contact).

FORCE	DEFINITION	EXAMPLES
	A force that attracts any two objects with mass.	

	<p>An attractive or repulsive force that is exerted between the poles of a magnet.</p>	 <p>The diagram illustrates magnetic forces. On the left, a horseshoe magnet is shown with magnetic field lines radiating from its poles. On the right, two bar magnets are shown. The first pair shows two magnets with opposite poles facing each other (North of one facing South of the other), with the text 'Unlike poles ATTRACT' and arrows pointing towards each other. The second pair shows two magnets with like poles facing each other (North of one facing North of the other), with the text 'Like poles REPEL' and arrows pointing away from each other.</p>
	<p>A force is exerted between any two charged objects.</p>	 <p>The diagram illustrates electrostatic forces. On the left, a pink balloon with negative charges (indicated by minus signs) is shown attracting a yellow comb with positive charges (indicated by plus signs). Below this, a cylindrical container is shown with a negative charge on the left and a positive charge on the right. Blue circles with minus signs are moving from the positive end towards the negative end, with an arrow indicating the direction of movement. On the right, a photograph shows a young girl holding two balloons, one purple and one green, which are attracted to each other.</p>