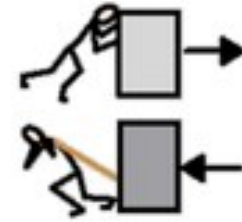


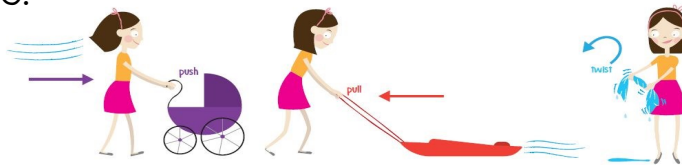


# FORCES AND MAGNETS

## Key Knowledge Fact Sheet—Year 3



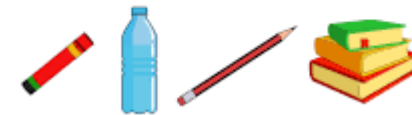
A *force* that needs *contact* is a push, pull or twist. This can cause an object to move.



Magnetic



Nonmagnetic

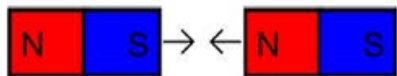


Something is *magnetic* if it is capable of being attracted by a magnet. Not every material is magnetic.

A *magnetic force* can cause an object to move from a distance (without contact).

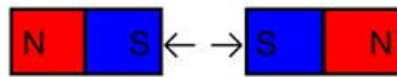


A *magnet* has 2 *poles*. They are called *North* and *South*.



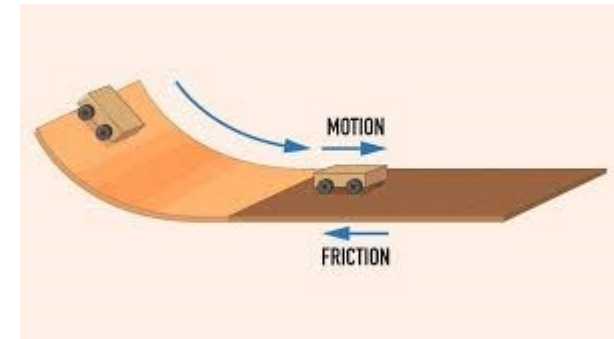
Opposite poles **attract**

*Attract* means pull.



Same poles **repel**

*Repel* means push away.



*Friction* is a force. Friction causes *resistance* between a moving object and a surface. *Resistance* slows objects down.