



Science Vertical Concepts

2. Objects can affect each other at a distance

Nursery

Reception

Year 1

Year 2

Year 3

Objects can have an affect on other objects even when they are not in contact with them. Light reaches our eyes, even though the light source may be far away.

The non-contact force of magnetism mean magnets can attract or repel other magnets.

Year 4

Sound comes from things that vibrate and can be detected at a distance from the source because the air or other material around is made to vibrate. Sounds are heard when the vibrations in the air reaches our ears.

Year 5

Year 6

Year 7/KS3

There is attraction between objects that are electrically charged