

Parent Guide

How can I use this with my children?

Once they've read the relevant chapters in the **Homework Help** area, children can complete this quiz to test their understanding of the topic.

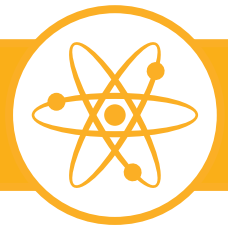
How does this help my children's learning?

Short quizzes can be great for testing your child's knowledge and understanding of topics they've learnt at school.

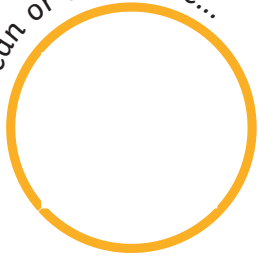
Ideas for further learning:

Can your child write their own set of questions on a topic they've learnt or are interested in? They could host a quiz for their family or friends.

Forces Quiz for Kids



Scan or click here...



Test your knowledge on forces with this science quiz. Scan the code or to read the Homework Help chapters that link to this quiz. Then try answering the questions below!

1. What are forces measured in?

2. Give two examples of non-contact forces.

3. What keeps the Moon in orbit around the Earth?

4. Who was the first scientist to be awarded a knighthood?

5. When will an object sink in water?

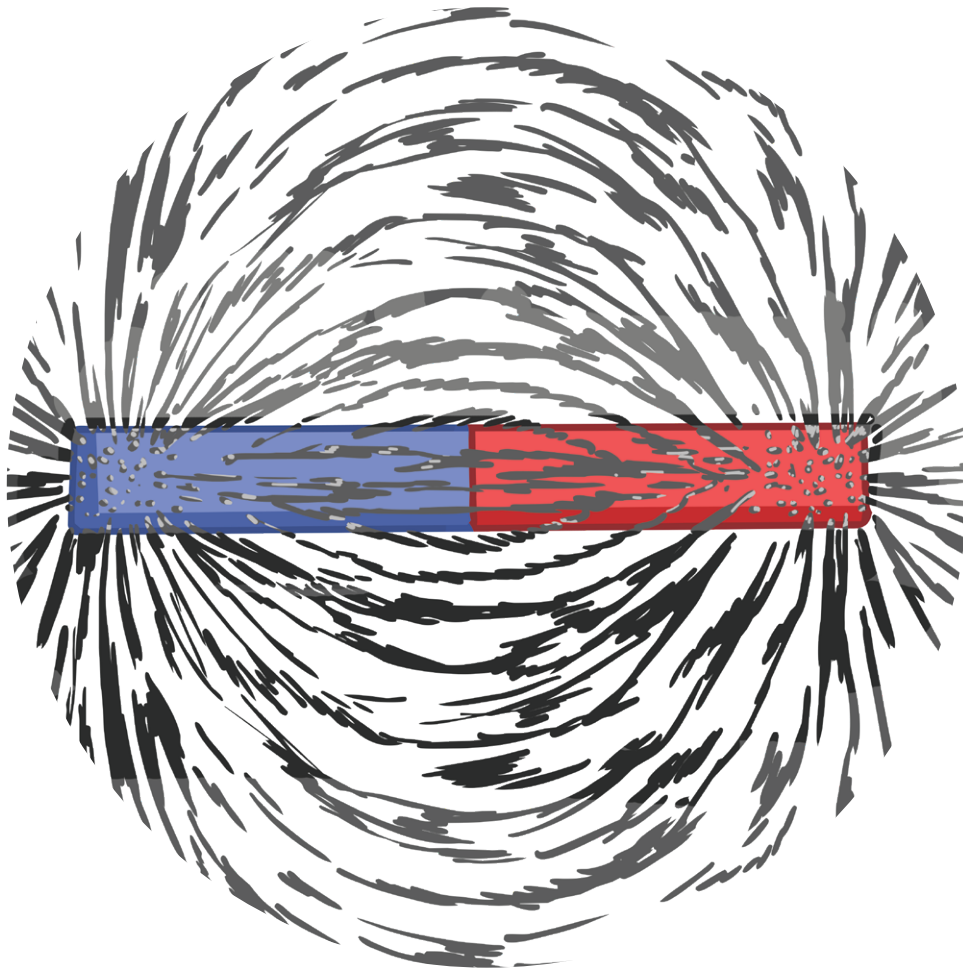
6. Do rough surfaces produce more or less friction?

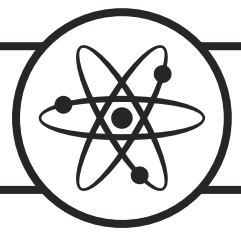
7. Magnetic materials are always metals. True or false?

8. Are all metals magnetic?

9. What do ferrous metals contain?

10. How do gears differ from pulleys?

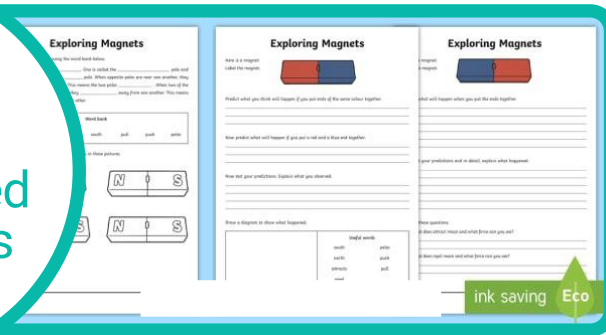




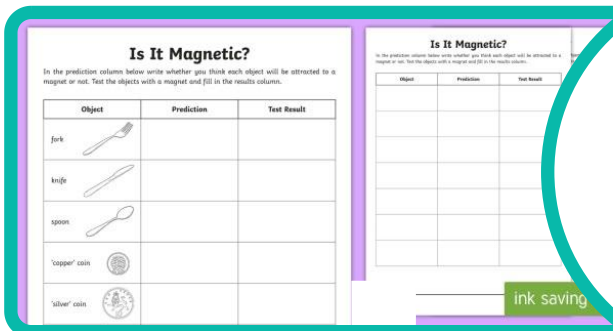
- 1. Forces are measured in newtons. Named after Sir Isaac Newton.**
- 2. Magnetism and gravity are both examples of non-contact forces.**
- 3. Gravity keeps the Moon in orbit around the Earth.**
- 4. Sir Isaac Newton was the first scientist to be awarded a knighthood.**
- 5. If the object's density is more than the volume of water, the object will sink in the water.**
- 6. Rough surfaces produce more friction. It is more difficult for the surfaces to slide against each other.**
- 7. True: Magnetic materials are always metals.**
- 8. Not all metals are magnetic.**
- 9. Ferrous metals contain iron.**
- 10. Gears are toothed wheels which lock together. Pulley wheels do not lock together, they are connected by a belt.**

If you enjoyed this resource, why not try...

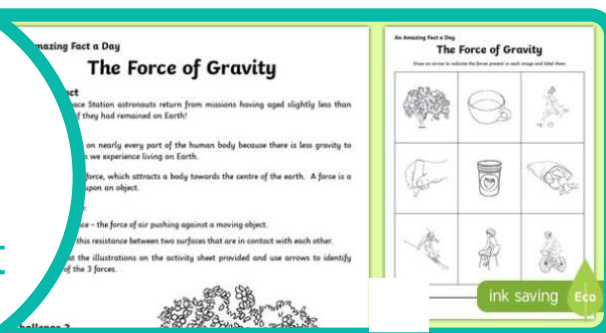
Exploring Magnets
Differentiated Worksheets



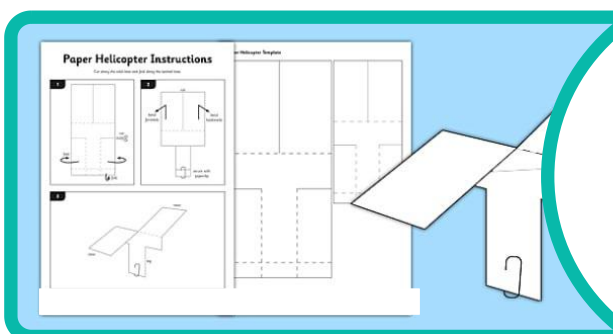
Magnetic Objects Worksheet



The Force of Gravity Worksheet



Paper Helicopter Template



If you need us, just get in touch - contact

Explore and Discover More

