

Science

The Children will be covering the following:
(Year 4)

Sound

- Can they describe a range of sounds and explain how they are made?
- Can they associate some sounds with something vibrating?
- Can they compare sources of sound and explain how the sounds differ?
- Can they explain how to change a sound (louder/softer)?
- Can they recognise how vibrations from sound travel through a medium to a ear?
- Can they find patterns between the pitch of a sound and features of the object that produce it?
- Can they find patterns between the volume of the sound and the strength of the vibrations that produced it?
- Can they recognise that sounds get fainter as the distance from the sound source increases?
- Can they explain how you could change the pitch of a sound?
- Can they investigate how different materials can affect the pitch and volume of sounds?

(Year 3)

Forces and magnets

- Can they compare how things move on different surfaces?
- Can they observe that magnetic forces can be transmitted without direct contact?
- Can they observe how some magnets attract or repel each other?
- Can they classify which materials are attracted to magnets and which are not?
- Can they notice that some forces need contact between two objects, but magnetic forces can act at a distance?
- Can they compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet?
- Can they identify some magnetic materials?
- Can they describe magnets have having two poles (N & S)?
- Can they predict whether two magnets will attract or repel each other depending on which poles are facing?

History

- Can they describe events from the past using dates when things happened?
- Can they describe events and periods using the words: ancient and century?
- Can they use a timeline within a specific time in history to set out the order things may have happened?

- Can they use their mathematical knowledge to work out how long ago events would have happened?

Exceeding

- Can they set out on a timeline, within a given period, what special events took place?



P.E.

Y3: Gymnastics and Multi-skills cont.

Y4: Gymnastics cont.

Key Stage 2 Year 3, Year 4 Danger at Sea



PSHE & RE:

PSHE:

Getting on and Falling out.

RE:

Year 3

Islam Unit 3: Stories

Year 4

Hindu Unit 2: Lifestyles

Design and Technology

Year 3 and Year 4

Mouldable materials

Can they use a range of advanced techniques to shape and mould?

Do they use finishing techniques, showing an awareness of audience?

Music

Year 3 - Exploring Pitch

Year 4 - Ukulele lessons (Learning how to read music, timing pieces of music etc)



ICT:

Year 3

Algorithms and Programs

- Can they experiment with variables to control models?
- Can they use 90 degree and 45 degree turns?
- Can they give an on-screen robot directional instructions?
- Can they draw a square, rectangle and other regular shapes on screen, using commands?
- Can they write more complex programs?

Year 4

Algorithms and Programs

- Can they use repeat instructions to draw regular shapes on screen, using commands?
- Can they experiment with variables to control models?
- Can they make turns specifying the degrees?
- Can they give an on-screen robot specific directional instructions that takes them from x to y?