

Boarshaw Primary School - Medium Term Plan - Year 4 – Autumn 2

As Scientists:

Pupils should explore and identify the way sound is made through vibration in a range of different musical instruments from around the world; and find out how the pitch and volume of sounds can be changed in a variety of ways.

Key Knowledge:

Know how sound is made, associating some of them with vibrating
Know how sound travels from a source to our ears
Know the correlation between pitch and the object producing a sound
Know the correlation between the volume of a sound and the strength of the vibrations that produced it
Know what happens to a sound as it travels away from its source

As Designers: Making a slingshot car

Design a shape that is suitable for the project.
Attempt to reduce air resistance through the design of the shape.
Produce panels that will fit the chassis and can be assembled effectively using the tabs they have designed.
Construct car bodies effectively.
Conduct a trial accurately and draw conclusions and improvements from the results.

As Computer Programmers:

Pupils will learn about formatting images and organising content into an effective layout.
Pupils will learn new skills and techniques and apply them to creating a range of different word documents.

Key Knowledge:

Use some of the main keyboard shortcuts; suggest ways to improve a layout; apply specific effects to an image.

Learning Challenge –

How can we recreate the wonder of Ancient Egypt?

Our half term work has a History Focus

WOW Moment!

As Historians we will be answering these questions:

- LC 1 - Where is Egypt and why is it a favourite holiday destination?
- LC 2 - What is an archaeologist and how have they helped us find out about the past?
- LC 3 - Who were the pharaohs and why were they very important?
- LC 4 - How can you recreate the wonder of the pyramids?
- LC 5 - What have we learnt from the Ancient Egyptians writing – (create time capsule)?
- LC 6 - What would you ask an Ancient Egyptian?
- LC7- Reflection: Were the Egyptians more advanced than we are?

As Mathematicians:

Measurement: Area

What is area? Counting squares, making shapes, comparing area

Number: Multiplication and Division

Multiply and divide by 10 and 100, Multiply by 1 and 0, Divide by 1 and itself, 3x 6x 7x and 9x tables

As Theologians:

Pupils explain why festivals are important to religious communities (Christians, Hindus and/or Muslims and/or Jewish people).

Key Knowledge:

Identify similarities and differences in the way festivals are celebrated within and between religions.

As Athletes:

Pupils should apply and develop a broader range of skills, learning how to use them in different ways and to link them to make actions and sequences of movement. Communicating, collaborating and competing with each other. Develop an understanding of how to improve in different physical activities and sports and learn how to evaluate and recognise their own success.

As Language Specialists:

Listen attentively to spoken language and show understanding by joining in and responding.
Describe people, places, things and actions orally and in writing.
Develop accurate pronunciation and intonation

Key Knowledge:

Naming colour, modes of transport and comparing sizes.

As Musicians:

Pupils will play tuned and untuned instruments musically

Key Knowledge:

Know the difference between pulse and rhythm and be able to keep the internal pulse.

As Citizens:

Pupil should recognise and celebrate differences (including religions and cultural difference). Understand and challenge stereotypes

Key Knowledge:

Name a lot of ways that people are different, including religious or cultural differences. Can explain why it's important to challenge stereotypes that might be applied to me or others.