

Boarshaw Primary School - Medium Term Plan - Year 3 – Spring 1

As Scientists: Forces and Magnets.

We will compare how things move on different surfaces and notice that some forces need contact between objects.

We will observe how magnets attract or repel each other and attract some materials and not others.

We will compare a variety of materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials.

We will describe magnets as having 2 poles, predict whether 2 magnets will attract or repel each other, depending on which poles are facing.

Key knowledge

- Know about and describe how objects move on different surfaces
- Know how a simple pulley works and use it to lift an object
- Know how some forces require contact and some do not, giving examples

As Design and Technologists:

We will be learning about seasonal foods and using our understanding to create a seasonal food tart.

Key Knowledge:

Pupils will:

Explain that fruits and vegetables grow in different countries based on their climates.

Understand that seasonal fruits and vegetables grow in a given season.

Understand that eating seasonal fruit and vegetables positively affects the environment.

Design a tart recipe using seasonal ingredients.

As Computer Programmers:

We will be creating simple spreadsheets.

Key Knowledge:

How to create pie charts and bar graphs.

How to create more than / less than and spin button tools.

To understand the basics of the 2Calculate concept.

Learning Challenge – Why is plant Earth in danger?

Our half term work has a Geography Focus

WOW Moment! Posters and Images for Global Warming, deforestation, endangered animals and waste.

As Geographers we will be answering these questions:

LC1- What is global warming and should we be worried about it?

LC2- What is a rainforest and where are they?

LC3- What can you find out about an endangered animal?

LC4- What would a day without electricity look like?

LC5- Why do we have more than one waste bin?

LC6- What can we do to help us protect the planet?

LC7- Can we present our findings to an audience?

As Mathematicians:

Multiplication and Division

Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods. Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.

Measurements

We will be looking at metres, centimetres and millimetres, considering equivalent lengths, comparing, adding and subtracting lengths and measuring perimeter.

Fractions

We will be comparing and ordering fractions, understanding the denominations of various fractions, learning about the numerator in non-unit fractions, comparing fractions on a number line and considering equivalent fractions.

Mass and capacity

We will be learning how to use scales, measure mass, capacity and volume and learning how to compare, add and subtract mass, capacity and volume.

As Athletes:

We will be learning how to play football and hockey.

Key Knowledge:

Children can perform different skills such as agility, balance and coordination. They can follow instructions well and understand how to work as a team.

As Language Specialists:

Recognise colour, days of the week and months of the year.

Animals I like and don't like.

Key Knowledge

Read and say some adjectives of colour.

Recognise and say a days of week.

Recognise and say months of the year



As Musicians:

Listen with attention to detail and recall sounds with increasing aural memory.

Listening and play / sing back.

Key Knowledge:

Play clear notes on instruments and use different elements in composition. use musical words to describe a piece of music and compositions.

Sing, play, copy back and listen, play and improvise and take turns to improvise.

As Citizens:

As citizens we will learn about safe and unsafe situations.

Key Knowledge:

Identify situations which are safe or unsafe and

Identify people who can help if a situation is unsafe;

Define the words danger and risk and explain the

difference between the two; Demonstrate strategies for dealing with a risky situation. Identify risk factors in

given situations.