Boarshaw Primary School - Medium Term Plan - Year 5 – Autumn 2 2023 -24

Learning Challenge –
Why should Britain be ashamed of slavery?

Our half term work has a History Focus
As historians we will be answering these questions:
LC 1 – What was the slave trade and what was Britain's part in it?
LC 2 – What were the conditions like for enslaved people on the transportation ships?
LC 3 - What were slave auctions like and how did it feel to be enslaved?
LC 4 – How do we know about what life was like for enslaved people?
LC 5 – How did the slave trade end?

As Scientists we can:
Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.

Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.

Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.

Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.

Demonstrate that dissolving, mixing and changes of state are reversible changes.

Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

As Computer Programmers:
We will build on our knowledge of coding.
Key Knowledge:
Create a program using event, object and action code.
Create different object types and button objects and be able to modify these to fit a program.
Create a repeat command and an IF and IF/ELSE statement in a program.
Create variables, friction and function.

As Mathematicians we can:
Identify multiples and factors, including finding all factor pairs of a number, and common factors of 2 numbers.
Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers.
Establish whether a number up to 100 is prime and recall prime numbers up to 19.
Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000.
Recognise and use square numbers and cube numbers, and the notation for squared (^{2}) and cubed (^{3}).
Compare and order fractions whose denominators are all multiples of the same number.
Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.
Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number.

As Language Specialists we can:
Extend knowledge of parts of a Spanish city
Key Knowledge:
Explore a city in Spain using appropriate technology.
Give directions in Spanish.
Understand and give simple information about a city.

As Musicians we will:
Contrast the work of a famous composer with another and explain preference.
Key Knowledge:
Listen and appraise famous pieces of music.
Describe, compare and evaluate using musical vocabulary.

As Design Technologists:
Develop design criteria to inform the design of a product fit for purpose.
Key knowledge:
Come up with a range of ideas to suit a purpose and a design criteria.
Explain how a product will appeal to a specific audience.
Use textiles to produce an item for a purpose.

As Theologians we can:
Understand that Christianity doesn't always look the same.
Key Knowledge:
Explain why some people believe Jesus was the Messiah.
Give examples of how Christianity spread as a religion.
Identify different features of a Catholic church.
Identify some reasons why people began practising in different ways.

As Athletes:
We will develop our understanding of health-related fitness.
Key Knowledge:
Play competitive games and apply basic principles.

Be taught to swim confidently and proficiently over a distance of 25metres.

As Citizens:
Understand that actions affect others, to care about other people's feelings and to try to see things from their points of view.
Think about the lives of people living in other places and people with different values and customs
Be aware of different types of relationships including marriage and those between friends.