Theme: Respect

How do we celebrate difference?

British Value: Tolerance of others and Rule of Law.

Year 5

Term 2 Learning map

SYNOPSIS

This term we will be focusing on respect. We will explore and celebrate our differences. We will also consider our own individual responsibilities in showing respect to others and what to do if others are not respectful of our differences.
In addition, we will be looking at data handling in Computing by learning how a flat-file database can be used to organise data in records. They will use tools within a database to order and answer questions and will create graphs and charts to help solve problems.

CELEBRATION

J-SAX performance to parents

Christmas Fayre

Y5 Christmas Party

Whole school trip to the Redgrave Theatre

Key text in English

Tempest by Andrew Matthews

&

The Highwayman by Alfred Noyes

Science

Materials and their Properties

For the second part of our Materials unit, we will investigate how things dissolve in liquid to form a solution, and describe how to recover a substance from a solution -called a reversible change. We will also observe that some changes result in the formation of new materials, and that this kind of change is not usually reversible. This will include changes associated with burning and the action of acid on bicarbonate of soda.

Vocabulary: melting, states of matter, solid, liquid, gas, change state, dissolve, solution, soluble, insoluble, solute, solvent, particle, mix/mixture, filtering, sieving, evaporating, condensing, burning, gas given off, rusting.

Life Learning

How can I show respect to others?

This term, through our life learning, we will explore and celebrate our differences. We will look at the differences in peoples' day-to-day lives and how we should respect and celebrate our differences. We will consider how we can have a positive impact on others, through our words and actions.

Vocabulary: culture, conflict, difference, similarity, belong, culture wheel, racism, colour, race, discrimination, culture , ribbon, bullying, rumour, name-calling, racism, homophobic, cyber bullying, texting, indirect, direct, happiness, difference, culture, similarity, continuum,

Computing

Flat-file databases

This unit looks at how a flat-file database can be used to organise data in records. Pupils will use tools within a database to order and answer questions about data. They create graphs and charts from their data to help solve problems. They use a real-life database to answer a question and present their work to others.

Vocabulary: file, data, database, data set, rows, columns, information, field, record, grouping, filter.

Geography

How the UK landscape has changed over time

Our geography work this term is looking at describing and understanding human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water (with a particular focus on fair trade). Initially, we will focus on the resources in the UK and link it to the wider world by examining the energy sources used around the world.

Vocabulary: natural resources, minerals, energy, fossil fuels, nuclear, renewables, settlement, community, fair trade,

Maths

Multiplication and Division

Identify multiples and factors, know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers,

Using a formal written method to multiply and divide

Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000

Perimeter and Area

Measure and calculate perimeters for shapes, areas of rectangles, compound shapes and irregular shapes.