## Barn Croft Primary School Spring 1 2023-2024

## Year 5 Curriculum Newsletter

## Children are expected to read at home daily. <br> Practice on Times Tables Rockstars three <br> times weekly.

## Open Homework

Children can complete a piece of writing, research, art, project, comic etc. about any area of their learning this half term and bring it to school to share with their peers.

Due Friday $2^{\text {nd }}$ February 2024 (optional project)


## Science <br> Forces and space: Earth and space

Describe the geocentric and heliocentric models.
Name and describe the shape of celestial bodies.

Describe the orbits of celestial bodies in the Solar System and name the force that keeps them in their orbits.
Describe the orbit of the Moon around the Earth and its phases.
Explain how day and night occur.
Explain how the seasons occur.
Explain how a sundial works.
List some of the uses of satellites and explain why space junk poses a problem to them.

## Religious Education Sikhism

Know the names and symbolism of the 5 Ks . Know how Guru Gobind Singh introduced the khalsa. Know the significance of the Amrit ceremony to a Sikh. Know the values that underpin Sikh life.

## PSHE/RHE

## Looking Out for Others and Adults' \& Children's Views

Recognise why we should take action when someone is being unkind.
Describe caring and considerate behaviour, including the importance of looking out for others.
Demonstrate why it is important to behave in an appropriate and responsible way. Identify how making some choices can impact others' lives in a negative way.

## Computing

 SpreadsheetsIn this unit, we will focus on:
Understanding spreadsheets
Formula Wizard and Formatting Cells
Creating graphs
Conversions of measurements
Using spreadsheets to model a situation
Formulae including Advanced Mode

## Humanities: History

Medieval Monarchs
Why was there a succession crisis in 1066?
Who was responsible for the death of Thomas
Becket?
Which king was worse, John or Richard?
What makes a great medieval monarch? How did power change during the medieval period?

## Creative Design: Art and Design

## Making Monotypes

In this pathway children explore the process of making monotypes. The pathway starts with an introduction to monotypes, and then children explore the work of an artist who uses monotypes to build sculptures and installations.
Pupils develop their mark making skills through a simple warm up exercise, before focusing upon a project which gives them
the opportunity to use the monotype
process (combined with painting and collage) to make a "zine", inspired by a piece of poetry. The pathway provides two ways of making monotypes according to the space and time you have available.

## French

French adjectives of colour, size and shape - Children will learn about the differences in word order between English and French.
A circle of life in French - This lesson will help children learn how to use a bilingual dictionary.
French food - This lesson has two aspects - to help children practise a typical conversation in French by ordering food in a café, and to teach them to give their opinions using l'aime and je n'aime pas

## PE

## Athletics

In this unit, pupils are set challenges for distance and time that involve using different styles and combinations of running, jumping and throwing. As in all athletic activities, pupils think about how to achieve their greatest possible speed, height, distance or accuracy and learn how to persevere to achieve their personal best. They learn how to improve by identifying areas of strength as well as areas to develop. Pupils are also given opportunities to lead when officiating as well as observe and provide feedback to others.
Pupils learn the following athletic activities: long distance running, sprinting, relay, triple jump, shot put and iavelin.

