

## Science

### How far can you throw your shadow?

In science we are going to explore sources of light, including the Sun. (so will include the importance of protecting our eyes from the Sun) We will investigate shadows and how reflections happen.

## PSHE /HEART SMART

Children will think about how to show respect for them self and others and the importance of responsible behaviours and actions.

Also, look at the importance of respect, equality and how to be a productive member of a diverse community

## RE

### Why do we celebrate harvest?

Children will find out the importance of harvest and how it is celebrated by Christians as well as other religions.

## English

We will be using a range of picture books this half term linked to extreme weather. We are starting the term, by exploring Hurricane by David Wiesner, a story of two brothers who create a world a fantasy after a tree falls during a storm.

In spelling, punctuation and grammar we will be working hard to recognise and use subordinating conjunctions, imperative verbs, metaphors and expanded noun phrases. As well will be ensuring commas are used correctly.

Spellings will follow the National Curriculum.

## Extreme Earth

Autumn 1 2018

### Geography – What makes the Earth Extreme?

We will be studying a range of things that make our Earth Extreme. Children will find out about volcanoes, hurricanes, tsunamis and all things extreme.

## Maths

### Year 3

children will work with larger numbers, applying partitioning related to place value using varied and increasingly complex problems, building on work in Year 2 (e.g.  $46 = 40$  and  $6$ ,  $46 = 30$  and  $16$ ).

They will explore a variety of representations, including those related to measure, children will continue to count in ones, tens and hundreds, so that they become fluent in the order and place value of numbers to 1000.

### Year 4

**Children will build on what they learnt in Year 3 and** begin to extend their knowledge of the number system to include the decimal numbers and fractions that they have met so far.

## PE - Gym

Children will focus on how to create a fluid motion in a sequence. This will include, jumps (including off apparatus) in a variety of different ways (Star jump, pencil jump, tuck jump, twist jump).

Children will be able to create and perform 5 step sequences to their class where it can be evaluated.