

## **Welcome to 5N**

Class Teachers: Mrs Islam / Miss Tinsley-Hall

Teaching Assistant:

Mrs Craven



**Our P.E lessons will be Tuesday A.M**

**and Wednesday P.M**

**Please see the Curriculum Overview for what we are learning about this term.**

# Update April 2018

## Maths

In Summer 1, we will be focusing on the following objectives:

### Fractions, decimals and percentages

- Read and write decimal numbers as fractions
- Read, write, order and compare numbers with up to three decimal places.
- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.
- Round decimals with two decimal places to the nearest whole number and to one decimal place.
- Solve problems involving number up to three decimal places.
- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.
- Use all four operations to solve problems involving measure [ for example, length, mass, volume, money] using decimal notation, including scaling.
- Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal.

### Geometry – properties of shapes

- Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles.
- Draw given angles, and measure them in degrees ( ° )
- Identify: angles at a point and one whole turn (total 360° ), angles at a point on a straight line and ½ a turn (total 180° ) other multiples of 90°
- Identify 3D shapes, including cubes and other cuboids, from 2D representations.
- Use the properties of rectangles to deduce related facts and find missing lengths and angles
- Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.

## English

This half term, we will be exploring 'Kensuke's Kingdom' by Michael Morpurgo, using the novel as a stimulus for writing a range of text types (including a newspaper article, diary entry, biography and letter) in the style of different characters. We will be revising and consolidating taught vocabulary, grammar and punctuation skills this year, as well as assessing the children's comprehension of the story through whole class guided reading activities.

## Science

- We will be studying animals, including humans:
  - describing the changes as humans develop to old age.

As part of this unit, the children will:

- draw a timeline to indicate stages in the growth and development of humans.
- learn about the changes experienced in puberty.
- work scientifically by researching the gestation periods of other animals and comparing them with humans; by finding out and recording the length and mass of a baby as it grows.

## Creative Links

We are continuing our study of D.T this half term.

Children will now be applying their knowledge of:

- strengthening, stiffening and reinforcing complex frame structures;
- the different properties of materials;
- and methods of joining framework materials.

We will begin by generating ideas for a new structure through annotated sketches, which detail: the materials used, dimensions, appearance and finishing techniques.

Next, we will spend a few sessions developing woodwork skills and techniques using: junior hacksaws, G-clamps, bench hooks, square section wood, card triangles and hot glue guns to construct wooden frames.

Once completing their project, children will be taught how to critically evaluate the quality of the design, manufacture, functionality and fitness for purpose.