

# Juniper Term 4 2018-19 Curriculum Web

## Maths Y6

### Algebra

We will use simple formulae, generate and describe linear number sequences, express missing number problems algebraically, find pairs of numbers that satisfy an equation with two unknowns and enumerate possibilities of combinations of two variables.

### Ratio

We will solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts, solve problems involving similar shapes where the scale factor is known or can be found and also solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

### Geometry and Statistics

We will illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius, interpret and construct pie charts and line graphs and use these to solve problems. Calculate the mean as an average.

## PSHE:

Our Jigsaw PSHE unit is *Healthy Me*. We'll be developing our understanding of healthy choices in relation to smoking, alcohol, body image and diet. We will also be exploring how to react in an 'Emergency Aid' situation.

## English Y6

**Writing** – We will be writing a set of instructions on how to care for an imaginary creature, an evaluative report and a short story inspired by a film clip.

**SPAG** – We will focus on using standard English and ensuring that our sentences are grammatically correct, determiners, the subjunctive form, word families and making verbs.

**Reading Comprehension** – We will continue to work on examining vocabulary and answering comprehension and inference questions using the Bug Club resources.

## Juniper Class



## Term 4

### This term's LEARNING LOG:

From 01.03.19 – 01.04.19

#### Science – Light

Find out about light, e.g. a labelled diagram of the eye, information about how light travels, make a shadow puppet.

**These are just some suggestions to help you come up with ideas. It would be lovely to see 2-3 pieces of work completed. Please bring Learning Log work to school on Friday afternoons to share with the class.**

The learning Log will run for the whole of Term 4

## Art

We will sketch and create line drawings of mountains.



## PE

Acorn coaches will be delivering specialist PE teaching this term on the topic of Athletics. Our second PE session will be Health Related Exercise.

## Geography / History

We will complete our learning about the mountain environment.

We will then be learning about Islam. We will discover the importance of the 'silk road' and 'spice routes' and the goods which were carried along them including mapping the origins of these goods. We will find out about the fascinating rise and fall of the city of Baghdad CE 900 and explore Islamic art, patterns and motifs.



## RE

This term the focus will be on Christianity and we will be exploring the question 'What would Jesus do?'

## Science

We will be completing the topic: *Our Bodies*.

We will then be learning about *Light*. This will involve knowing that light appears to travel in straight lines and use this understanding to explain that objects are seen because they give out or reflect light into the eye. We will also learn that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes. We will then use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.