Geography

This term we will be learning about the water cycle and coasts, allowing the children to explore the processes of evaporation and condensation through a range of practical activities. We will then consider coastal features and weathering and erosion, looking at changes over time.

Art/DT

We will build a model of the water cycle as well as create a clay representation of coastal erosion. We will also complete an artist study on Hokusai and recreate the Great Wave, using water colour techniques.

Water

Maths

Number: Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context. Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects. Solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the use of the equals sign

Measurement: Area and Volume Find the area of rectilinear shapes by counting squares. Calculate and compare the area of rectangles (including squares), and including using standard units, cm2, m2 estimate the area of irregular shapes. Estimate volume [for example using 1cm3 blocks to build cuboids (including cubes)] and capacity [for example, using water].

Fractions: Compare and order fractions whose denominators are multiples of the same number. Recognise and show, using diagrams, families of common equivalent fractions. Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.

Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number [for example 2 5 + 4 5 = 6 5 = 1 1 5] Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten. Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number. Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.

Add and subtract fractions with the same denominator. Add and subtract fractions with the same denominator and denominators that are multiples of the same number. Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.

English

Spelling: covering rules and conventions for route words, prefixes and suffixes.

Punctuation: Kung Fu Punctuation, inverted commas; semicolons, colons and dashes to separate clauses; commas, brackets and dashes for parenthesis

Grammar: literary devices, direct and indirect speech, simple, compound and complex sentences, relative clauses and parenthesis.

Reading: Cross curricular guided reading- Kensuke's Kingdom by Michael Morpurgo, information texts and poetry.

Writing (cross curricular, linking with geography and science): recounts, persuasive writing, discussion texts, setting and character descriptions and narratives.

MFL

Yr5: *Les planètes* - Planet names ; phonic focus *u/ j/ é*. Planets position in the solar system, describing planets – adjectives position & agreement; Use of more than one adjective.

Yr4: *L'argent de poche*. Number revision from Y3 up to 20, remember 21, achieve confidence in numbers up to 39, toys – likes and dislikes

Money – Intercultural understanding - understand and say prices in euros

PE

Forest School and Swimming:
the children will be taught to swim at least 25 metres, improving their stroke formation.

PSHE/RE: British Values

We will consider various religions' view of peace and take a journey through different acts of achieving and creating peace. We will also look at symbolic people of peace and well-known symbols of peace before creating their own.

Computing

We are bloggers. Cross-curricular project, drawing together key vocabulary and learning from science and geography.

Science

After completing the 'Properties and Changes of Materials' unit and as the weather grows warmer, we will learn about 'Living Things and Their Habitats'. We will consider the process of reproduction and the life cycles of plants, mammals, amphibians, insects and birds and their habitats. Amongst other investigations, the children will have the opportunity to take cuttings from plants, creating clones of the parent plant.