

COMPUTING

In Computing, we will begin to learn about how to programme devices to do different things. We will learn about how robots can be programmed to make different movements and travel along routes. We will also start to think about how we can fix algorithms (instructions) when they don't work or go wrong.

KEY QUESTIONS: What is an algorithm? What is meant by the word bugs? How do we fix errors? Why is it best to give short instructions? Why do we face the same way at the start?

KEY VOCABULARY: Instructions, directions, commands, backwards, Forwards, Route, plan, program

GEOGRAPHY

We will learn about weather patterns in the United Kingdom.. We will also name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas. We will learn about the location of hot and cold areas of the world in relation to the Equator and the North and South Poles

KEY QUESTIONS:

What are the differences between the seasons? What is the weather like where we are today? How can we find our way around somewhere we don't know? What can we find out by looking at a map?

KEY VOCABULARY: beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather

MATHS

- Subtracting - taking away, counting back & taking apart, number bonds and using a number line.
 - Shapes - 2D and 3D shapes, naming and sorting shapes based on properties
 - Placing numbers & counting on a number line up to 20
 - Learning number bonds to 20
 - Learning and remembering fact families to 20
 - Adding numbers or amounts together up to 20
 - Adding amounts/numbers to existing amounts/numbers
- KEY VOCABULARY:** Numbers, more, less, many, few, fewer, least, fewest, smallest, greater, lesser, equal to, the same as odd, even Pair units, ones, tens, ten more/less, digit, numeral, figure(s), compare, size, value, number bonds, number line, add, more, plus, make, sum, total, altogether, double, half, halve, equals, difference, between, subtract, take away, minus.

PSHE

We will learn about what the rules are, how we can care for others' needs and how we must look after the environment. We will spend time thinking about how to use the internet and digital devices in the right way, communicating with these things in a safe way. We will also talk about jobs in the community and what our strengths are.

R.E.

Judaism

We will think about what is special to Jewish people. We will learn and talk about how Jewish people live and learn about stories from their religious text.

MUSIC

We will listen to latin and blues music and also learn about some folk music. By thinking about rhythm and beat, we will also think about how we can move to different pieces of music. We will also talk more about pieces of music and identify instruments.

ART

We will look at artwork about the Royal family. We will also take photographs and learn how to draw and paint from observation.

D&T

We will learn about simple mechanisms through designing and making moving pictures. These will be based on characters or scenes from stories and will be designed to use in storytelling activities.

SPANISH

Taught by our languages teacher, Mrs Stephenson
We will learn about animals, thinking mainly about sea creatures. We will also learn the Spanish names for body parts.

P.E.

Gymnastics and Dance

In PE in the Spring Term, we will focus on: traveling and balancing in different ways, moving in different ways, and working with others to plan and perform.

ENGLISH

Writing:

- Reading our writing so that it makes sense
- Talk about our writing with my teacher and friends
- Writing sentences by re-reading what we have written to check that it makes sense
- Writing sentences by saying out aloud what I am going to write
- I can use joining words like 'and'
- I can put words together to make sentences

Phonics & small group reading

We will focus on:

- Revising sounds and words learned in Reception class and in the Autumn term of Year 1, including tricky words.
- The sounds made by these graphemes:
ay, oy, ow, oe, ou, oa, o-e, ee, ea, e, ue, u, u-e, ay, a, a-e, ie, i, i-e, e, y, ea, wh, oa, o, ir, aw, ue, u, ew.
- Children will have opportunities to read aloud to a small group and to a member of staff.

Books we will read together:

- **Where the Wild Things Are, Ruby's Worry, 10 things I Can Do To Help My World**

Handwriting

Whenever we write we will focus on thinking about the size of our writing, writing on the line, forming our letters carefully and using finger spaces correctly.

SCIENCE

In Science, we will learn about identifying animals, including humans, and their features. We'll learn about their senses and move onto describing and comparing what animals look like. We will talk a lot about types of animals including fish, amphibians, reptiles, birds and mammals. We will also learn about where they live and what they eat, using the words carnivores, herbivores and omnivores to explain what we find out.

KEY SCIENTISTS: David Attenborough, Amy Vedder, Maria Sibylla Merian, Jane Goodall

KEY VOCABULARY: body, head, shoulders, knees, toes, ear, face, fish, amphibian, reptile, bird, mammal, omnivore, carnivore, herbivore, habitat, animal, wings, legs, food.

Year 1: Spring