

# Year 2 Programme of study

## Autumn Term – Hot! Hot! Hot!

### English

We begin the term with the children working on stories which the children are familiar with. We then begin to look at non-fiction writing. In particular we will be looking at newspaper articles and other styles of recount writing. We will be closely linking our writing in English to our topic of Hot! Hot! Hot!

In their writing they are concentrating on using capital letters and full stops for sentences and adding adjectives to make their writing more interesting for the reader.

The children will also be developing their Spelling, Punctuation and Grammar (SPaG) knowledge through our continuous English work.

**Spelling** - Our spellings are based on the Read Write Inc. work the children are working on in class. Children will bring home spellings on a Thursday to practise and the spelling test will take place the following Thursday.

**Reading** - Each term the children will continue to follow a phonics programme based on the 'Read Write Inc.' scheme. They will read ability appropriate books to develop reading and comprehension skills. In addition they will begin to have guided reading sessions where we read together a chosen text, sometimes linked to the books we are studying in our English lessons. Individual reading is encouraged at home.

**We expect children to read twice a week at home with books being changed at the beginning and end of the week.**

### Maths

We will be following a Maths Mastery approach in our maths lessons which helps children improve their fluency, problem solving and reasoning skills. This term we will be focussing on place value, addition and subtraction and beginning to look at multiplication and division.

**Homework** - This term the homework will be focussed around the children learning their 2, 5 and 10 times tables which will support them in our school Ninja Times Table challenge.

### Science

#### **Use of everyday materials**

The children will identify and compare the suitability of everyday materials for a range of uses. We will pay particular attention to plastic and different fabrics. We will also look at how the shape of solid objects made from certain materials can be changed.

### Computing

Children will revisit and secure their ability to log onto the computer independently in the ICT suite. They will revisit E-Safety to ensure they remember how to stay safe online. The children will also begin to access the school iPads where they will be using a range of apps to develop their basic coding ability and to create videos.

### Humanities

#### **Hot! Hot! Hot!**

We will use this topic to explore what life was like in the past. We will begin by looking at the Great Fire of London. The children will act as detectives to try and figure out how the fire spread and how it could have been prevented. In the second half of term we will combine work in Geography about continents, location and weather patterns along with science work linked to habitats. The children will be given the opportunity to compare the United Kingdom to a contrasting non-European country. They will become safari experts as we look into where in the world we might find a range of wild animals and the reasons they may live there be looking at Castles,

## **Spring Term – Go Wild!**

### **English**

Children will continue their non-fiction writing. We will be looking at writing information texts and creating fact files linked to our Castles topic. They will also read a range of non-fiction texts linked to explanations of how things work, information books about animals and books linked to our topic. In writing we will work on correct sentence structure and punctuation. We will also encourage the children to add more detail by using adjectives and conjunctions to their sentences. We will begin to look at more complex punctuation such as, exclamation and question marks and speech marks. We will also continue to teach joins in handwriting.

**Homework** - In addition to the reading and spelling homework the children started to bring home in the autumn term they will also now begin to bring home simple comprehension exercises, to help them develop their ability to read for meaning and use texts to find information.

### **Maths**

Throughout the term we will aim to revise and build on the previous term's concepts. We will extend our calculation skills to be able to add and subtract bigger numbers and include multiplication. We will apply our ability to calculate to help us in working out word problems. This term the children will also be introduced to fractions and simple geometry.

### **Science**

#### **Living Things and their habitats**

Children will begin to explain the difference between things that are living and things that have never been alive. They will be given the opportunity to investigate what living organisms need to stay alive and be healthy. They will end this topic by identifying and sorting living and non-living things.

#### **Animals including humans**

Through this topic children will discuss how animals have offspring that grow into adults and think about how they have changed since they were babies. They will also take time to look at a range of life cycles and what animals need to survive. Finally, we will study balanced diets and exercise which help keep humans fit and healthy.

### **Computing**

The children will continue to refine word processing skills enabling them to be able to change the size, colour and style of their writing, as well as being able to add borders and clip art to their work. They will use internet sites to research topics and ideas related to our context work.

### **Humanities**

#### **Go wild!**

Our Humanities work this half term will focus on Kings and Queens. Children will be comparing life in the past to what it is like today and learning about significant individuals from the past. This topic will include a visit to Newcastle Castle where the children will get to explore life in the past in hands on activities.

## **Summer Term – Oh I do like to be beside the seaside.**

### **English**

The children will be revising aspects of English in preparation for their SATs assessment this term. We will be reinforcing non-fiction work about animals and looking at describing characters from traditional stories. Later in the term we will be studying poetry and stories by the same author. We will link this to our work on the seaside and islands. We will read and base our writing on the 'Lighthouse Keeper' stories and the 'Katie Morag' stories. We will continue to reinforce correct sentence structure and punctuation in our writing.

### **Maths**

The children will be revising aspects of maths in preparation for their SATs assessment this term. Previous concepts will be re-visited for a third time. Children will constantly revise and build on previous learning. The children will be encouraged to apply their calculation skills to both word problems and problems involving money and measures.

### **Science**

#### **Plants**

Children will observe inside seeds and bulbs and describe how they grow into mature plants. They will also discuss how plants need water, light and a suitable temperature to grow and stay healthy.

### **Computing**

The children will be learning how to code this term. They will explore cause and effect using the 'Ozobots' and also how to write and de-bug a simple code.

### **Humanities**

#### **Oh I do like to be beside the seaside!**

This Humanities topic will combine work in history and geography. The children will learn about going to the seaside today and what it was like in the past. They will look for similarities and differences. They will also study the geography of our coastline.