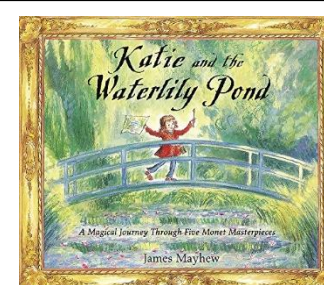
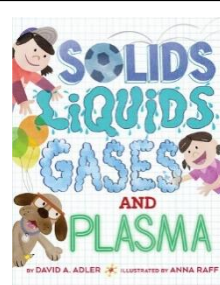
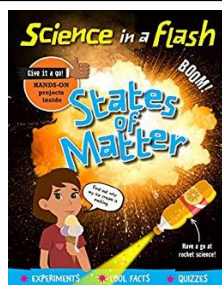
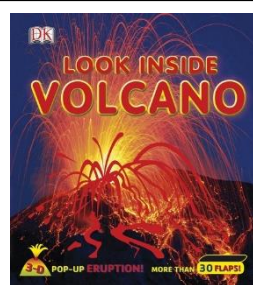
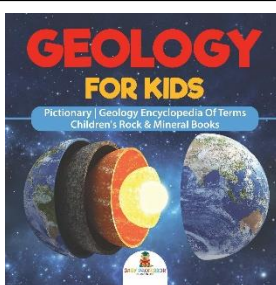
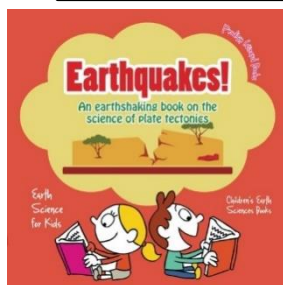


**Class: Badgers**

**Barndale Learning Plan**

**Term: 21/22 Spring 1**

**Books to support our learning.**



### **Communication, Language & Literacy**

The children write every day, rehearsing aloud what they want to say, before spelling the words using the graphemes and 'tricky' words they know. They practise handwriting every day: sitting at a table comfortably, they learn correct letter formation and how to join letters speedily and legibly. Children's composition (ideas, vocabulary and grammar) is developed by drawing on their own experiences and talking about the stories they read.

### **Science**

In our States of Matter topic we will learn about the differences between solids, liquids and gases, classifying objects and identifying their properties. We will work scientifically and collaboratively to investigate the weight of a gas. Badger Class will explore in-depth how water changes state, exploring melting, freezing, condensing as well as a particular focus on evaporation. We will also learn about the stages of the water cycle, creating mini water worlds and an interactive water wheel to represent the different stages. We will be answering the question: What are the three states of matter and how are they different?

### **Enrichment & Ways to Wellbeing**

This topic builds on children's knowledge of how we grow and change, both physically and emotionally, and the types of relationships that people have. Children will learn about sexual relationships and sexually transmitted diseases. They will also learn about positive body images and stereotypes. The children will be answering the question: What physical changes will young people experience during puberty?



## **Plate tectonics**

### **Knowledge and Understanding of the World**

We will learn about the destructive powers of nature, from volcanoes and earthquakes to tsunamis and tornadoes. We will be asking how and why these natural phenomena occur, and the ways in which they affect people and the environment.

### **Therapeutic Input**

Some of the class will access their individualised therapy plans from the speech and language and occupational therapy teams. Within class we will explore texture and touch within PSHE sessions as we use moisturiser and soap to soften our hands.

### **Numeracy & Problem Solving**

In multiplication and division we will be focusing on multiplication facts for the 3, 4, and 8 times tables. We will learn to multiply a two-digit number by a one-digit number, such as  $45 \times 3$ , using a range of mental and informal methods. We will continue solving multiplication problems using their knowledge of times tables.

### **Computing**

First, learners look at binary and hexadecimal numbering systems. We will be asking how they work, and how to convert between bases? Then, learners explore different coding systems and find out how media is represented in computers.

### **The Arts**

This term we will be answering the question 'What is impressionism? We will also be studying the artist, Henry Matisse. After studying his work, we will draw in his style and emulate some of his artwork. In music this term, we will be singing, listening and appraising music with a focus on 'Make you feel my love'

### **Physical Education**

We will develop our movement, improving our stamina and staying healthy through two weekly PE sessions. Each week, we will be swimming and we will go to the studio.