

**As designers** we will be designing and building dens and shelters.

**As Scientists** we will be answering our big learning questions...

**What materials should Percy use to build a shelter?**

We will investigate properties of everyday materials and find out which are waterproof.

**What happens in the park during the four seasons?**

We will observe seasonal changes in the natural world focussing on Summer into Autumn.

### Computing

Children will have opportunities to develop and support their learning through use of Ipad activities and the Interactive Whiteboard. Key to our learning this term is E Safety .

We will be focussing on simple instructions and using instructions to control a programmable toy.

**As musicians** we will follow the Charanga scheme and engage in music making, appraising and performing.

## Learning Challenge Curriculum 'What materials should Percy use to build a shelter?'

Year 1.  
Autumn Term 1 2020.



**As artists** we will use a variety of materials and processes both indoors and out to create 2D and 3D art. Children will learn to evaluate own work as well as exploring the work of artists. They will record and explore ideas from first hand observation, experience and imagination. Art will be based around our themes and will include printing, observational drawings, collage, 3D work and painting.

### PE

Children will be learning to move confidently and creatively with control and coordination in large and small movements as well as safely negotiating space. There will be opportunities to practice a range of movements with control demonstrating balance & coordination as well as engaging in ball skills.

**As authors** our writing will be inspired by our cross curricular learning linked to Percy the Park Keeper and friends. The focus for our writing this term will be linked to specific literacy teaching sequences as well as developing skills in grammar and punctuation in our 'punctuation pathway' activities. As readers we will explore stories and non-fiction books linked to our themes. We will use these to give us ideas for our writing. Teaching in Phonics links closely to 'Letters and Sounds' and relates to our work in spelling and guided reading. Children will read in many contexts throughout the day and will have specific opportunities to engage in guided reading sessions focussing on enjoying and understanding the text as well as decoding print.

**As mathematicians** we will focus on number within 20. Opportunities will be built in to identify and represent numbers using objects and pictorial representations including the number line. In cross curricular Maths activities we will measure, compare, describe and solve practical problems for lengths and heights in den building technology. We will explore mathematical language and engage in practical activities to deepen understanding. We will recognise and use language relating to seasons, including days of the week, weeks, months and years. Children will represent and use number bonds and related subtraction facts. They will work towards solving one-step problems that involve addition and subtraction, using objects and pictorial representations, recording where appropriate. We will learn about 2D and 3D shape. In all areas we will be working towards developing mastery of mathematical concepts and once a skill is secure children learn to apply it in a variety of contexts. Where appropriate our maths activities will link to our theme.