

Marvellous Materials

Introduction

During this theme, children will develop their understanding in the properties of different materials and how these can be used most effectively to build a shelter. The children will be immersed in a class challenge where they will investigate the use of different materials. The children will also discover different ways to build and design, with different technologies, using their knowledge of construction.



Learning Overview

Inspired by the story 'The Three Little Wolves and the Big Bad Pig' by Eugiene Trivizas, the children will focus on the use of different materials in design. We will also have an opportunity to construct shelters using different technologies. As **Scientists**, the children will explore the properties of different materials, their suitability and purpose. As **Design Technologists**, the children will design and construct 3D models and build shelters as a team. As **Artists** we will use photographs to identify patterns in a range of different buildings and create a drawing with a focus on texture, tone, and pressure. As **Architects**, the children will use digital technology to create a digital collage of our house design. As **Citizens**, the children will take part in team building activities throughout the theme, working collaboratively to solve problems. As **Geographers**, the children will take a walk around our local area to identify different types of buildings and what they are made from.

In other areas of the curriculum, the children, as **Mathematicians** will be working on counting and Addition and Subtraction. As **Writers**, the children will be studying an alternative version of traditional stories, to complete their own narrative through writing and drama.

We are looking forward to being **Performers**, where we shall, of course, be presenting a Nativity for you!

Prime learning challenge:

How would you protect the 3 little wolves?