



Everyday Materials

Spring term 2 2023

Nursery

Essential Question: What are everyday materials?



About this unit:

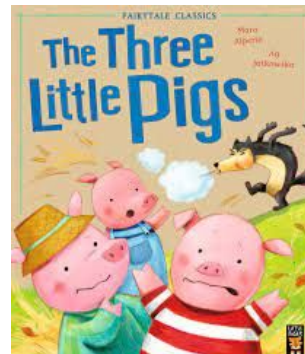
First the children will be provided with interesting natural environments to explore freely indoors and outdoors such as the library, hall, walks to the field, playgrounds, sensory garden. They will then be provided and introduced to equipment such as magnifying glasses or a tablet with a magnifying app which will help to support their explorations. Children will be encouraged to talk about what they see. Adults will model observational and investigational skills and will ask out loud: "I wonder if...?" New vocabulary will be introduced linking to materials and senses, children will be encouraged to use it to discuss their findings and ideas. Mechanical equipment for children to play with and investigate such as wind-up toys, pulleys, sets of cogs with pegs and boards will be provided. They will then take part in a variety of basic science experiments linking to materials and forces such as which house in the Three Little Pigs' is the strongest and how the water pushes up when they try to push a plastic boat under it. Children will also explore how materials change from one state to another such as cooking and melting ice. They will also explore light and how different materials sink and float. We will share our findings with our families at a investigation celebration event.

Reading & Writing:

Children will be learning the text - The Three Little Pigs. We will explore the story through role play, small world play and will conduct our own experiments to discover how strong different materials are and how easily they can be blown down.

The children will take part in a range of activities which support the development of their fine motor skills to aid their pencil control.

Some children will also take part in short RWI sessions.



triangle



square



rectangle



circle

Maths:

We will be focussing on 2D and 3D shapes and recognising up to 5 objects and pictures without needing to count them. We will then explore length, height and time.

Physical Development

This term we will be continuing to access the hall each morning to support the children's gross motor skills using a range of equipment. We will also explore some ribbon/scarf dancing.