

Which materials should the Three Little Pigs have used to build their house?

Investigation Questions- what keeps us dry? How does it feel?

Key Information
A material is any substance that has a name . For example: chalk, paper, wood, iron, air, water, clay, plastic, rubber, stone, leather, wax.
Everything is made up of materials. When we want to make something we need to choose the best material for the job.
The property of a material is something about it that we can measure, see or feel and helps us decide whether or not it is the best material.
Most materials have more than one property and can be natural, man-made , strong, weak, heavy, light in weight, rough, smooth, shiny, dull, hard, soft, flexible, brittle, magnetic, non-magnetic, transparent, opaque, electrical conductor, electrical insulator, conductor of heat, thermal (heat) insulator, burns when heated, does not burn, melt easily or not melt easily.

Vocabulary linked to Materials	
Word	Definition
magnetic/non-magnetic	The property of attracting certain metals/Not capable of being magnetized
force	Is the push or pull on an object
recycle	A way of reusing materials
material	The matter from which a thing is or can be made
man-made	A material that is manufactured through human effort
natural	A material which can be obtained or made from living things

New vocabulary linked to the properties of materials	
Twist	To turn
Transparent	See through
Opaque	Not able to be seen through
Flexible	Capable of bending easily without breaking
Waterproof	Water cannot pass through
Rigid	Not able to be bent easily



Home Scientist
<p>Whilst at home, practise using the vocabulary we are learning in school with these different activities:</p> <ul style="list-style-type: none"> ◆ Sort the recycling into the different materials ◆ Find 5 things that are made using man-made materials and 5 things that are made using natural materials ◆ Find an object that has both man-made and natural materials

