

# Big Question: What are materials?



## Exciting Books



LQ1	Where do different materials come from?
LQ 2	What can materials be used for?
LQ 3	Which materials are strong and rigid?
LQ 4	Which materials are soft and bendy?
LQ 5	Is Mr Silly using the right material?
LQ 6	Can you stretch a bubble?
End Product	The houses of the 3 little pigs and their properties
Links to being taught.	Reception have looked at different materials .
	In Year 2 they look material properties and changes In year 3 they look at plant functions (why we have them?)
Cross-curricular links.	English and the 3 little pigs.

## Sticky Knowledge.

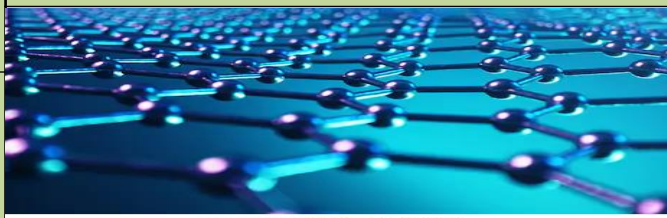
Materials can be natural and man made.

Glass is transparent because you can see through it.

A brick wall is opaque because you can't see through it.

Graphene is the strongest material it is 200 times stronger than steel.

Glass is actually made from sand.



## Key Vocabulary.

metal, plastic, wood, glass, paper, rock, brick, sand, straw, stick, hard, soft, rough, smooth, shiny, dull, stretchy, stiff, waterproof, natural, man-made, transparent, opaque, graphene, steel.

**This is a picture of graphene.**