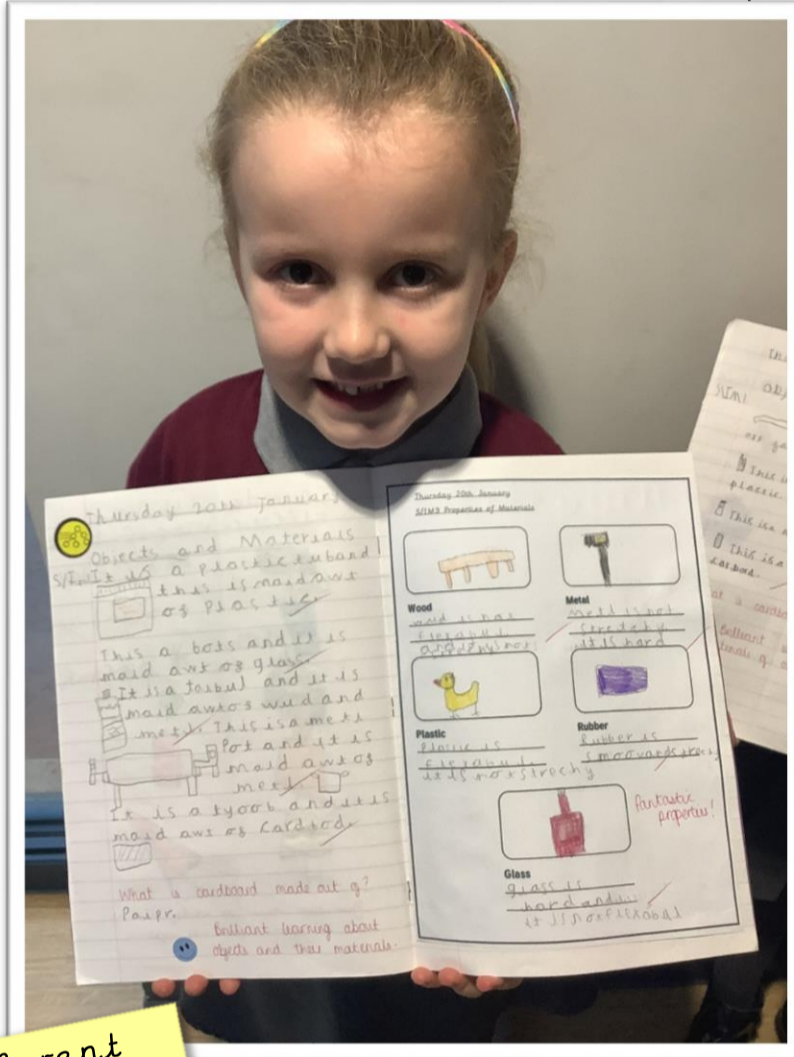


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Spring Project Reflections

Science – Materials

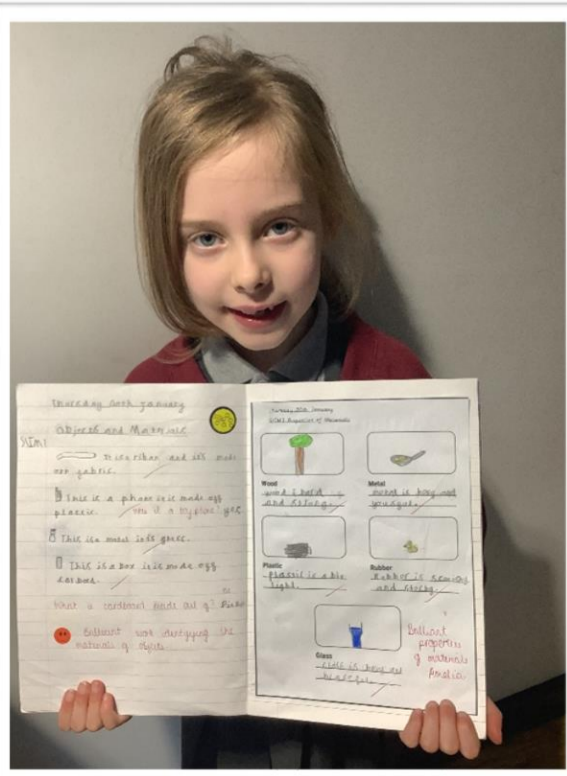


We looked at different objects and identified the material that they are made out of.

Key Vocabulary

- Materials
- Rough
- Smooth
- Hard
- Soft
- Opaque
- Transparent
- Translucent
- Flexible
- Shiny

We found lots of different objects in our classroom that were made out of all sorts of materials!



We then looked at the properties of materials thinking about how we would describe them. We found out that metal was hard, not flexible. Waterproof and shiny.

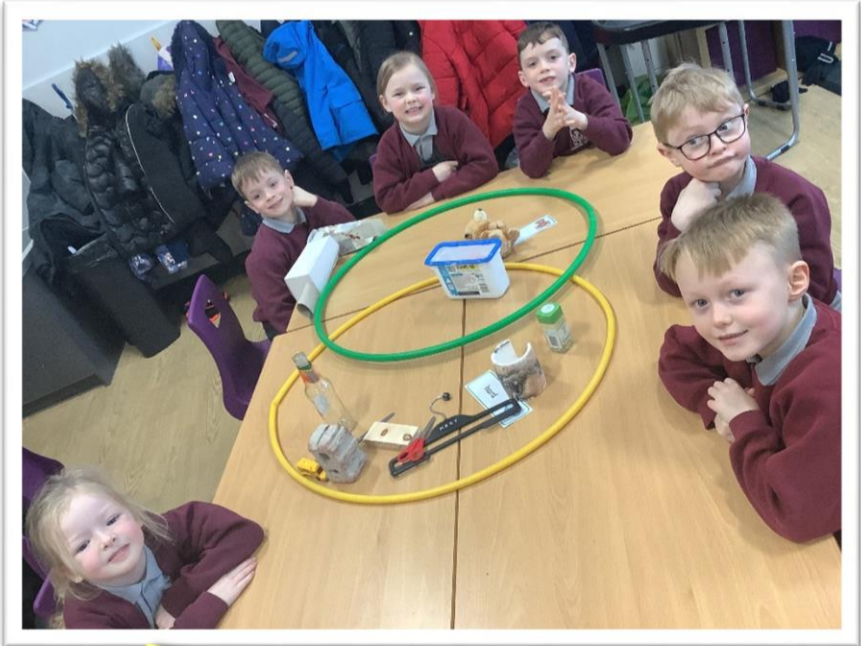
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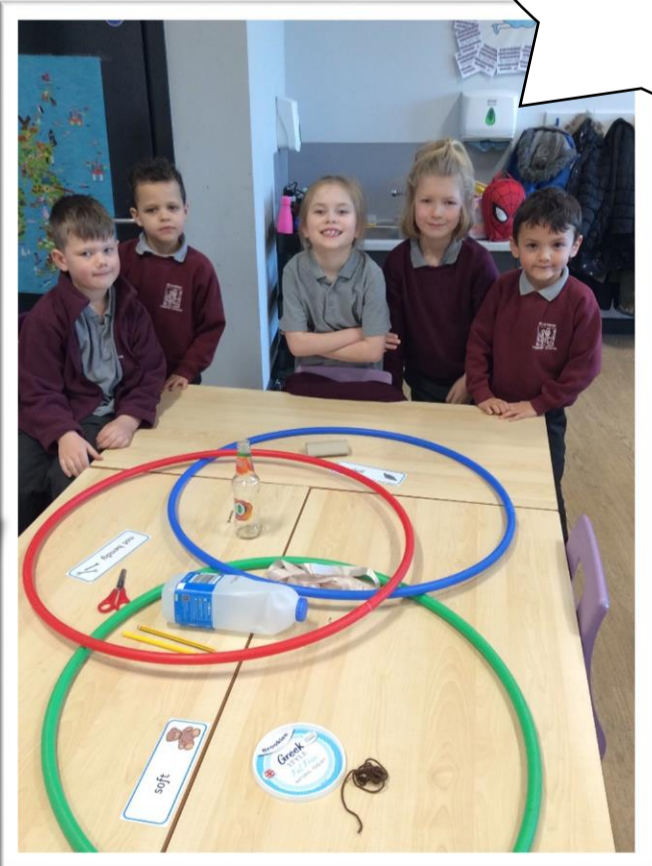
We compared and contrasting different objects based on their properties.



We found out that some of the objects had both properties so they had to go in the middle!



We put objects into water to see if they were waterproof or not.



Learning Links
<https://www.bbc.co.uk/bitesize/topics/zr5sqk7>

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Discovery Dog helped us conduct our own experiment. We learnt the definitions of opaque, transparent and translucent.

Opaque - can't see through

Transparent - can see through it clearly

Translucent - allowing light through but not detail to pass through

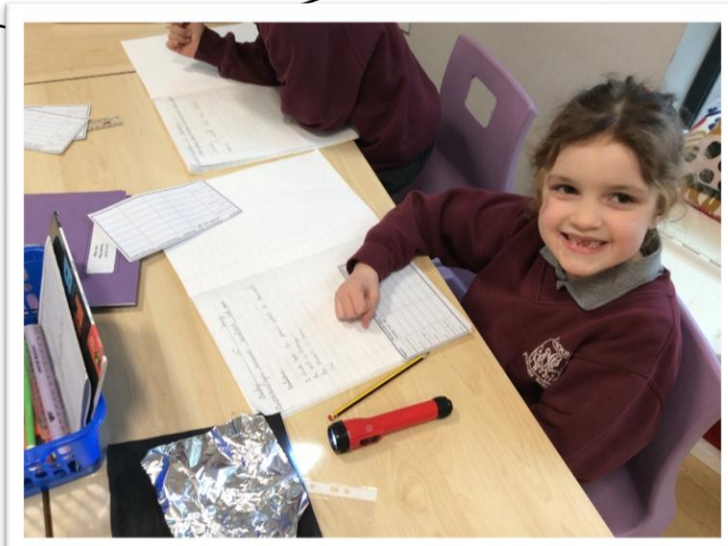


We compared the objects by shining a torch through the objects.

We made predictions.

We thought that the wood might be opaque because it's thick.

We found out that the plastic bottle, window and plastic wallet were transparent because we could see right through them.



Monday 24th January
Investigate: transparent, translucent and opaque

Prediction
I think a milk bottle is translucent.
I think a brick is opaque.
I think tissue paper is translucent.

Object	Materials it's made out of	Opaque	Translucent	Transparent
Plastic bottle	Plastic	X	X	✓
Window	glass	X	X	✓
Tissue Paper	Paper	X	✓	X
Tin Foil	Tin	✓	X	X
Rock	stone	✓	X	X
Plastic Wallet	Plastic	X	X	✓
Chair	Plastic	✓	X	X

I conclude that a bottle is translucent.