

Leintwardine Endowed CE Primary School Learning Journey Itinerary

'Letting Our Light Shine'

SUBJECT : Science – Materials	YEAR : A	TERM : Autumn 2	YEAR GROUPS : 1-2
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Key Question : Why can't we make windows out of wool?

Previous Knowledge – We would expect children to already be able to:

- Exploring changes in materials both inside and outside in the sand, mud and water.
- Exploring changing materials (melting chocolate or making ice-lollies in summer)

END OF UNIT OBJECTIVES

Some children will not yet have met what is expected and will show that they are emerging because they can:	Most children will show that they have reached the expected level because they can:	Some children will have gone beyond the expected level and will show that they are exceeding because they can:
Identify some key materials With support discuss what certain materials are used for With support consider what materials you can find in the local area With support compare two given materials Understand why we recycle	Identify key materials and their uses Explain what materials you would find in the local area Explain why certain materials would be used and others not Compare different materials and their uses Think about the recycling process and why we recycle	List key materials and what they are used for, considering why some materials may not be appropriate Discuss what materials you would find in the local area and why? Compare materials with a scientific explanation Discuss how materials can be changed, thinking about twisting, stretching and bending Explain the recycling process with key features

ASSESSMENT OPPORTUNITIES

ENRICHMENT OPPORTUNITIES

Helping children to remember more

Investigations using scientific equipment, sorting rubbish, testing materials suitability, testing for malleable materials

Practical experiences – observing, making, recording.

Time to share and compare their investigations with peers and draw overarching conclusions.

Practical learning experiences

Sorting rubbish for recycling

Play dough for testing malleability

SUBJECT SPECIFIC VOCABULARY

Uses
Suitability
Variety
Wood
Metal
Plastic
Glass
Brick
Rock
Paper
Cardboard
Classify
Purposes
Changing shape
Twisting, stretching, squashing, bending
Recycled
John McAdam developed

CROSS-CURRICULAR LINKS

Links that we can make to help children make sense of what we want them to know and be able to do.

PSHE – Looking after our planet

DT – Using different materials to create craft
Maths – Shape of different materials when changing shape