

<p>Experience Title</p> <p>Singing In the Rain</p>
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<p>Rationale: During this experience pupils will clarify their understanding of the difference between actual materials, both natural and manmade, and their properties. The children will undertake a number of scientific investigations about the properties of different materials. They will make predictions, plan what equipment is required, plan the method, discuss variables and consider what makes a fair test before they draw a conclusion. The children will learn how a material's properties determine what it is used for and they will apply this understanding when designing, making and improving a raincoat. In this topic pupils will work collaboratively to produce a child's raincoat. This will involve planning and designing the garment, using cutting and joining skills to make it and then considering how it could be further improved.</p>

<p>Prior Learning: Some children have learnt about how materials can be changed by twisting, bending and stretching.</p>
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<p>Hook:</p> <p>Book 'George and Lily's Christmas Present'</p>	<p>Outcome:</p> <p>Raincoat made from a plastic bag</p> <p>Understanding about different materials and their properties through scientific investigations.</p>
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Literacy

WRITING AND SPAG

- To look at what makes a sentence focusing on nouns and verbs
- To write in the first person making sure they use a capital I
- To join sentences using conjunctions e.g. but, so
- To use and write regular past tense verbs 'ed'
- To use apostrophes for contraction and possession
- To edit work to improve sentences
- Use a range of words to express how the characters are feeling e.g. delighted, terrified, excited

READING

- Daily Little Wandle phonics
- Little Wandle Reading lessons on decoding, prosody and comprehension
- Participate in discussion about what is read to them, taking turns and listening to what others say
- Whole class text "George and Lily's Christmas Present" A.Gutman Year 1 and 2

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- Cut materials safely using tools provided.
- Measure and mark out to the nearest centimetre.
- Demonstrate a range of cutting and shaping techniques, such as tearing, cutting and folding.
- Demonstrate a range of joining techniques such as gluing and sewing to strengthen.

- Design products that have a clear purpose and an intended user.
- Make products, refining the design as work progresses.
- Make a rain coat for a child

Science

- Distinguish between an object and the material from which it is made.
- Identify and name a variety of everyday materials and describe their simple physical properties and their suitability for a purpose.
- Compare and group on the basis of properties

Music

- Explore how different types of weather can be represented by percussion and voice

How Long? 3 weeks

When? Term 4 Weeks 1, 2, 3

Continuous Learning: SPAG, Maths, Music, PSHE, PE

Key Questions

- Can you name four different materials?
- Can you describe the properties of glass, plastic and metal?
- What is the difference between transparent, translucent and opaque?
- Can you explain how you made your raincoat and how you chose the materials to use?
- Can you explain why different materials are appropriate for different objects dependent on their properties?

Homework

Week 1

Find an object made from glass, another from metal and an object made from wood around your house. Why is the material suited to the job the object does?

Week 2

Make a piece of music that sounds like rain.

Week 3

Draw your coat and label all the features e.g. fastenings, pockets, hood