



SACRED HEART SCIENCE KNOWLEDGE ORGANISER - YEAR GROUP 1 - TERM LENT 1



THRESHOLD CONCEPTS	ASSESSMENT TARGETS YOUR CHILD WILL BE ABLE TO....
<ul style="list-style-type: none"> • <i>Working scientifically</i> • <i>Seasonal changes - Winter</i> • <i>Materials</i> 	<ul style="list-style-type: none"> • <i>Identify and name common materials</i> • <i>Identify, classify, and group materials.</i> • <i>Describe and compare properties of common materials</i> • <i>Observe and sort materials</i> • <i>Research using secondary sources</i> • <i>Make predictions and perform tests</i> • <i>Observe the change in seasons</i>
<p>COVERAGE</p>	
<p><u>Materials</u> <i>We will be identifying everyday materials and exploring their properties. We will be investigating what materials will be suitable for different purposes.</i></p>	
KEY VOCABULARY	KEY QUESTIONS YOUR CHILD SHOULD BE ABLE TO ANSWER BY THE END OF THE UNIT
<p><i>object, material, hard, soft, stretchy, shiny, dull, rough, smooth, bendy, waterproof, not waterproof, absorbent, not absorbent, transparent, opaque.</i></p>	<p><i>Can you identify and name different materials? What material is your object made from? How do you know if a material is waterproof? What does it mean if a material is transparent? How do you know if a material is opaque? What would be the best material for an umbrella? What would be the best material for a blanket? What would be the best material for a house?</i></p>

KEY INFORMATION

- *Materials are what an object is made from.*
- *If something is waterproof, it keeps water out and it keeps things dry.*
- *If a material is not waterproof it lets water in.*
- *If something is absorbent, it soaks liquid up.*
- *If something is not absorbent, it does not soak up liquid.*
- *Transparent objects can be seen through.*
- *Opaque objects can't be seen through.*



