




## Knowledge Organiser - Reception Summer 2

### Theme - 'Materials, The Ocean and Jamaica'

Prior Knowledge	Key Vocabulary		
<ul style="list-style-type: none"> <li>Children will know that things are made of materials.</li> <li>Children may be able to name some materials and suggest why objects are made from them.</li> <li>Children should know that they live in or come to school in a town called Hemsworth.</li> <li>Children should know the world is made of lots of countries.</li> <li>Children will be familiar with the town they live in and will be able to talk about it.</li> <li>Children should know what we do with our rubbish and may be able to talk about recycling.</li> </ul>	<b>Materials</b> Metal Wood Paper Glass Wool Waterproof Transparent Suitable Unsuitable Investigate Float Sink	Recycle Reduce Reuse Ocean Pollution  Earth World Planet	Jamaica Island Culture Compare Native Same Different Hemsworth Town  Windrush Equal rights. Benjamin Zephaniah
Key Questions	Books we will look at		
<ul style="list-style-type: none"> <li>What is this object made from and why?</li> <li>Which would be the most suitable material to make a lunch box from?</li> <li>How is Hemsworth the same/different to Jamaica?</li> <li>What is an island?</li> <li>Which foods do they eat in Jamaica?</li> <li>Which animals are native to Jamaica?</li> <li>What is the weather like in Jamaica?</li> <li>What is recycling?</li> <li>How and why should we recycle?</li> <li>What was the Windrush? How did this change things? What can we learn from this?</li> <li>Who is Benjamin Zephaniah?</li> </ul>			

Ideas to do at home	Useful Diagrams	Useful Links
<p>Find different objects in your home. What are they made from?            Make a tally chart of the different materials found at home.            Investigate which materials float or sink or which materials are waterproof?            Can you make a boat which floats?            Make a junk model robot made of different materials.            Find out about Jamaica and what it would be like to live there.            Draw or make your own map of Jamaica. It could even be a pirate's treasure map.            Make a recycling poster.            Help to recycle at home.</p>	 	<p>(All of the stories we will look at this half term can be found via YouTube)</p> <p><b>Kids Science Experiments   Science Experiments for Kids   Science Fu</b></p> <p>Recycling for kids - <a href="#">Kajabi YTAds May23 003 072023 15s (youtube.com)</a></p> <p><a href="#">Water Pollution for Kids   Learn How to Keep Our Water Clean (youtube.com)</a></p> <p><a href="#">Jamaica for kids – an amazing and quick guide to Jamaica (youtube.com)</a></p> <p><a href="#">Learn About Jamaica For Kids   Kids Black History (youtube.com)</a></p> <p><a href="#">Black History for Kids: The Windrush Generation (youtube.com)</a></p> <p><a href="#">Materials - Science for Kids   @PrimaryWorld (youtube.com)</a></p> <p><a href="#">Sorting materials to be recycled   BBC Teach (youtube.com)</a></p> <p><a href="#">Sink or Float? (youtube.com)</a></p> <p><a href="#">Material properties   WowScience - Science games and activities for kids</a></p> <p><a href="#">Reduce Reuse Recycle Game   Turtle Diary</a></p>
<p><b>50 things to do before you're 5 (App)</b></p> <p>Explore activity</p> <ul style="list-style-type: none"> <li>• #22 My Secret Treasures</li> <li>• #25 Creative Junk</li> <li>• #26 Splish, Splash, Splosh</li> <li>• #50 Sea and Sand</li> </ul> <p>Also, please don't forget to send us a photo or video on dojo. We love to see the wonderful things you do and share them with the class!</p>		

Key knowledge children will learn...	
Communication and Language	<p>Listen attentively and respond to what they hear with relevant questions, comments and actions when being read to and during whole class discussions and small group interactions.</p> <p>Make comments about what they have heard and ask questions to clarify their understanding.</p> <p>Hold conversation when engaged in back-and-forth exchanges with their teacher and peers.</p> <p>Offer explanations for why things might happen, making use of recently introduced vocabulary from stories, non-fiction, rhymes and poems when appropriate.</p>
Personal, Social and Emotional Development	<p>Be confident to try new activities and show independence, resilience and perseverance in the face of challenge.</p> <p>Show sensitivity to their own and to others' needs.</p> <p>Give focused attention to what the teacher says, responding appropriately even when engaged in activity, and show an ability to follow instructions involving several ideas or actions.</p>
Physical Development	<p>Develop overall body-strength, balance, co-ordination and agility.</p>

	<p>Further develop and refine a range of ball skills including: throwing, catching, kicking, passing, batting, and aiming</p> <p>Develop confidence, competence, precision and accuracy when engaging in activities that involve a ball.</p> <p>Develop the foundations of a handwriting style which is fast, accurate and efficient.</p>
<b>Literacy</b>	<p>Demonstrate understanding of what has been read to them by retelling stories and narratives using their own words and recently introduced vocabulary.</p> <p>Read aloud simple sentences and books that are consistent with their phonic knowledge, including some common exception words.</p> <p>Write simple phrases and sentences that can be read by others.</p>
<b>Maths</b>	<p>Explore, identify and create repeating patterns.</p> <p>Explore and represent patterns within numbers up to 10 and 20 including evens and odds, double facts and how quantities can be distributed equally.</p>
<b>Understanding of the World</b>	<p>Know some similarities and differences between things in the past and now, drawing on their experiences and what has been read in class.</p> <p>Understand the past through settings, characters and events encountered in books read in class and storytelling.</p> <p>Explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and (when appropriate) maps.</p>
<b>Expressive Arts and Design</b>	<p>Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</p> <p>Share their creations, explaining the process they have used.</p> <p>Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</p>

### ***WOW Moments***

- Our visit to The Deep, Sea life Centre
- Take part in our own Recycling Project
- A trip to the library to share stories
- Take part in our own investigations.