

Subject – Design Technology

Year 1/2

Term 1 – Baby Bear’s Chair

Vocab	Knowledge	Outcomes
design criteria man-made natural properties structure stable shape model test	<p>To know that shapes and structures with wide, flat bases or legs are the most stable.</p> <p>To understand that the shape of a structure affects its strength.</p> <p>To know that materials can be manipulated to improve strength and stiffness.</p> <p>To know that a structure is something which has been formed or made from parts.</p> <p>To know that a ‘stable’ structure is one which is firmly fixed and unlikely to change or move.</p> <p>To know that a ‘strong’ structure is one which does not break easily.</p> <p>To know that a ‘stiff’ structure or material is one which does not bend easily.</p>	<p>Pupils who are secure will be able to:</p> <p>Identify man-made and natural structures.</p> <p>Identify stable and unstable structural shapes.</p> <p>Contribute to discussions.</p> <p>Identify features that make a chair stable.</p> <p>Work independently to make a stable structure, following a demonstration.</p> <p>Explain how their ideas would be suitable for Baby Bear.</p> <p>Produce a model that supports a teddy, using the appropriate materials and construction techniques.</p> <p>Explain how they made their model strong, stiff and stable.</p>

Term 2
Term 2.2 – A Balanced Diet

Vocab	Knowledge	Outcomes
balanced diet balance carbohydrate dairy fruit ingredients oils sugar protein vegetable design criteria	<p>To know that 'diet' means the food and drink that a person or animal usually eats.</p> <p>To understand what makes a balanced diet.</p> <p>To know where to find the nutritional information on packaging.</p> <p>To know that the five main food groups are: Carbohydrates, fruits and vegetables, protein, dairy and foods high in fat and sugar.</p> <p>To understand that I should eat a range of different foods from each food group, and roughly how much of each food group.</p> <p>To know that nutrients are substances in food that all living things need to make energy, grow and develop.</p> <p>To know that 'ingredients' means the items in a mixture or recipe.</p> <p>To know that I should only have a maximum of five teaspoons of sugar a day to stay healthy.</p> <p>To know that many food and drinks we do not expect to contain sugar do; we call these 'hidden sugars'.</p>	<p>Pupils who are secure will be able to:</p> <p>Name the main food groups and identify foods that belong to each group.</p> <p>Describe the taste, texture and smell of a given food.</p> <p>Think of four different wrap ideas, considering flavour combinations.</p> <p>Construct a wrap that meets the design brief and their plan.</p>

Term 3 – Textiles Pouches

Key vocab	Knowledge	Outcomes
decorate fabric fabric glue knot needle needle threader running stitch sew template thread	To know that sewing is a method of joining fabric. To know that different stitches can be used when sewing. To understand the importance of tying a knot after sewing the final stitch. To know that a thimble can be used to protect my fingers when sewing.	Pupils who are secure will be able to: Sew a running stitch with regular-sized stitches and understand that both ends must be knotted. Prepare and cut fabric to make a pouch from a template. Use a running stitch to join the two pieces of fabric together. Decorate their pouch using the materials provided.