HIGH LITTLETON CHURCH OF ENGLAND PRIMARY SCHOOL
DESIGN AND TECHNOLOGY MEDIUM TERM PLAN TERM 2

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Owl						
Hedgehog						
Fox Structures: A chair for a bear	**All about chairs** Exploring how chairs are designed as structures to meet user and purpose criteria.	**Strengthening materials** Exploring how different shapes make structures stronger by building towers and testing how much weight they can hold.	**How does the thickness of material affect its** Testing how stiff or flexible materials are when they have a different thickness.	**Making a chair for a bear** Using knowledge of strong materials and shapes to make a chair for a bear.	**Evaluating, improving and finishing a chair for bear** Evaluating a structure and improving it using knowledge of strong shapes and stiff materials.	**POP Task**
Badger						
Otter Structures: Helmets	**Exploring shell structures** Exploring how shell structures are designed to protect and how this influences helmet design.	**Making papier-mache shells** Creating a hollow shell-structured helmet using layering techniques.	**Strengthening techniques** Identifying and reinforcing weak points in a helmet shell.	**Strengthening shell structures** Making the helmet shell structures stronger by using strengthening techniques.	**Evaluating shell structures** Analysing the effectiveness of the helmet shell structures and reflecting on how they can be improved.	**POP Task**
Robin						

Deer **Textiles: Bags**	**Deconstructing a bag** Exploring how designers use pattern pieces to create fabric items by deconstructing a bag.	**Pattern pieces** Practising running stitch to join fabric using a pattern piece template.	**Designing a bag** Designing a sustainable bag and creating a prototype pattern piece.	**Making a bag prototype** Sewing shapes together from pattern piece designs to make a bag prototype.	**Adding features** Developing the aesthetics and functionality of bags by adding features to them.	**POP Task**