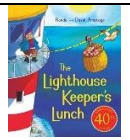
Individually Strong, Collectively Stronger!

Design & Technology	Year 1

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
 **Being me in my World:**	 **Keeping in Touch:**	 **Castles:**	 **Lighthouse Keeper's Lunch:**	 **Rainforests:**	 **Dinosaurs:**
	LI: To understand what design criteria is and create design criteria for a postal van. LI: To identify a target group for their postal vans. LI: To design a postal van, using their design criteria. LI: To select appropriate materials and tools to assemble wheels and axles. LI: To assemble, join and combine materials together to make a postal van with moveable wheels (2 lessons). LI: To evaluate a peer's postal van detailing strengths and areas for development. (use of a prompt sheet to support). Purpose: Make a postal van for Year 1 children to role play with.	LI: To evaluate key features of existing castle and create design criteria. LI: To design a castle using the design criteria. LI: To make a paper mock-up of their castle as a template. LI: To use 2D and 3D shapes to assemble and join parts of a castle together. LI: To know that changing the shape of a structure will improve the strength (e.g. cylinders are a strong structure). LI: To investigate how to strengthen and stiffen a structure and make it more stable (e.g. using tape, glue, glue gun). LI: To use mixed media to finish the castle by adding detail (e.g. windows, doors etc.). Purpose: Build a castle that will survive a windy day and a flood.	LI: To develop an understanding of taste, smell, texture and feel and evaluate a variety of healthy foods. LI: To group familiar food products (e.g. fruits and vegetables/ healthy and unhealthy). LI: To understand hygiene rules when preparing food. LI: To understand what makes a healthy meal. LI: To design a healthy meal. LI: To make a healthy picnic for the lighthouse keeper's lunch. Purpose: Make a healthy picnic lunch for the lighthouse keeper as his has been stolen.		