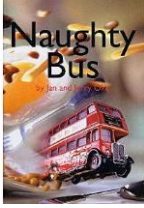




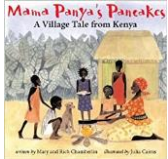


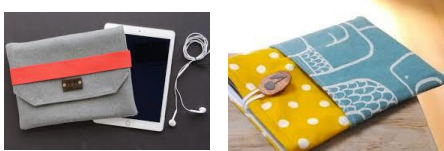





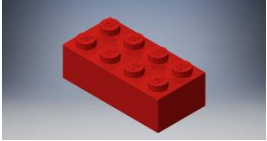



KS1 DT			
	Autumn	Spring	Summer
Year 1	<p><b>Levers and Linkages-</b> Make a moving picture for a story book- link to <i>Naughty Bus</i> by Jan Oke</p> 	<p><b>Structures-</b> Junk Modelling Rocket. Make a rocket to carry the Boy in <i>The Way Back Home</i> by Oliver Jeffers.</p> 	<p><b>Food-</b> Link with Summer Topic- Design and make a healthy summer salad. Look at healthy and unhealthy foods and sort.</p> 
Year 2	<p><b>Wheels and Axels</b> – link to history topic of transport – designer of the Mini Alec Issigonis</p> 	<p><b>Textiles-</b> Making hand puppets linked to <i>Fantastic Mr Fox</i> by Roald Dahl</p> 	<p><b>Food</b> – preparing hot food pancakes and healthy toppings linked to Kenyan Topic and <i>Mama Panya's Pancakes</i> story</p> 

LKS2 DT			
	Autumn	Spring	Summer
Cycle A	<p><b>Gears and Pulleys-</b> Design a machine to fetch water from a well</p> 	<p><b>Frame Structures-</b> Strengthening Design and make a BugHouse for a garden.</p> 	<p><b>Textiles-</b> Design and make a case for a tablet for the teacher to protect their Ipad. Does it need to be padded/waterproof/openings/fastenings</p> 
Cycle B	<p><b>Food-</b> Healthy eating and varied diet Design a healthy smoothie for a friend. Research Innocent Smoothies brand and their different smoothies. Talk to a friend about what fruits/vegetables they like. How would you like your smoothie to be packaged?</p> 	<p><b>3D Structures-</b> Design a lunchbox to hold a varied, healthy packed lunch for school Research lunch box designs. Is the lunchbox for hot/cold food, What material would be best? Does it need a handle/strap etc. Do you want your design to be made from Eco-friendly material.</p>	<p><b>Electrical systems-</b> Design and make a nightlight for a toddler. <a href="https://www.bbc.co.uk/teach/class-clips-video/design-challenge-make-nightlight-for-toddler/zdh76v4">https://www.bbc.co.uk/teach/class-clips-video/design-challenge-make-nightlight-for-toddler/zdh76v4</a></p> 



UKS2 DT			
	Autumn	Spring	Summer
Year 5	<p><b>Food-</b> Growing                      Related to Brazil Topic                      What foods are grown in the Amazon Forest. What foods are in season.                      Design and make a healthy seasonal dish from mainly rainforest foods eg. Avocado, coconut etc.</p>	<p><b>3D textiles-</b> making a reusable shopping bag                      Research company  <a href="http://www.antidote.co.uk/work/im-not-a-plastic-bag/">http://www.antidote.co.uk/work/im-not-a-plastic-bag/</a>                      What material should the bag be made of (waterproof, storage of bag, is it foldable, size of handles etc, compartments, size of bag)</p>	<p><b>Cams-</b> design and making a moving scene from a story.</p> 

			
Year 6	<p><b>CAD-</b> Lego focus using Sketch Up programme</p> 	<p><b>Food</b> – understanding seasonality (savoury) WWII focus. Research at different WW2 recipes and rationing and choose a dish to make. <a href="http://www.the1940sexperiment.com">www.the1940sexperiment.com</a> has many wartime recipes to look at and recreate.</p> 	<p><b>Electrical systems-</b> Design and make a wire buzzer game for a carnival.</p> 