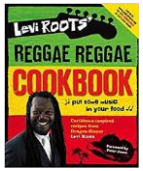
Manor Primary School

Year 6 Design and Technology Implementation

These statements are used to assess the impact of our teaching intention and the progress of the children during their learning journey.

	Autumn	Spring	Summer
Theme	 Torches	 Caribbean Food	   Structures, drinks, baskets
	I can explain the **purpose** of a torch I can create an **annotated** plan of torch components I can test my chosen materials. I can **solve problems** which could change the light beam of my torch I can **evaluate** my effectiveness of my torch	I can explore the recipes of Levi Roots. I can come up with a range of ideas after **collecting** information from different sources. I can investigate and **evaluate** a range of **spices**. I can work with food in a safe and **hygienic** way. I can **measure** ingredients accurately and **prepare** a Caribbean meal.	I can investigate the **requirements** of a lighthouse as structure. I can select a **design** for a lighthouse from a range of materials. I can consider what makes a tasty drink and trial this.
Artists/ designers	The first flashlight was invented by **David Misell**, the English inventor, in 1899.	Levi Roots – Reggae Reggae sauce	John Smeaton – Eddystone Lighthouse 1767, Englishman Joseph Priestley first discovered a method of infusing water with carbon dioxide to make carbonated water[
Skills and vocabulary	I can generate ideas through brainstorming and identify the purpose of the product. I can draw an initial design specification. I show understanding of an electrical circuit. I can cut and join accurately to ensure a good quality finish to my product. circuit battery switch seal reflector lens component current voltage	I can weigh and measure ingredients accurately. I can apply rules of basic food hygiene and safe use of cooking utensils. I can evaluate my meal.	I can create a prototype and consider how structures are created. I can develop my design ideas. I can measure and mark out accurately. I can build on my evaluations from earlier projects to decide upon further improvements to my own techniques. I can make a woven basket.