



# All Saints CE Primary School and Nursery

## Medium Term Planning



Class teacher: Faye Cooke Year group: 3 Term: Summer 2 Subject: Design & Technology - Light Up Signs

Lesson	Learning Goal (L.G.)	Brief outline of lesson content (or where this can be found/unit found in, if for example it is a published scheme such as Science, Kapow French or Music, Purple Mash computing)	Key Vocabulary covered
1	L.G. To investigate and analyse illuminated signs	Plan Bee - Light Up Signs - Lesson 1	Illuminate, Product, Consumer, purpose
2	L.G. To understand how LEDs can be used instead of incandescent bulbs in series circuits	Plan Bee - Light Up Signs - Lesson 2	LED , Incandescent, Circuit, Back lit
3	L.G. To develop ideas for a decorative illuminated sign.	Plan Bee - Light Up Signs - Lesson 3	Design, Exploded diagram
4	L.G. To select and use tools, equipment, materials and components to make the enclosure of an illuminated sign.	Plan Bee - Light Up Signs - Lesson 4	Components Strengthen construct
5	L.G. To construct a working circuit and fit it in a decorative illuminated sign.	Plan Bee - Light Up Signs - Lesson 5	construct
6a	L.G. To investigate ways in which computers can be used to program and control lights in a product.	This lesson will be taught when we complete our Micro Bit Computing unit and links made to this product.	Micro Bit Control program
6b	L.G. Evaluate a product	Children to evaluate their finished product. Does it meet the design brief? Did they stick to their original design? What changes did they have to make? Why?	Evaluate Product