



DT Autumn Term

Structures Year 6

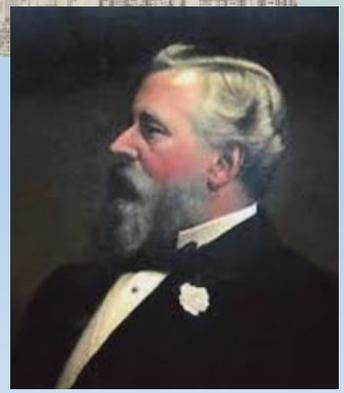
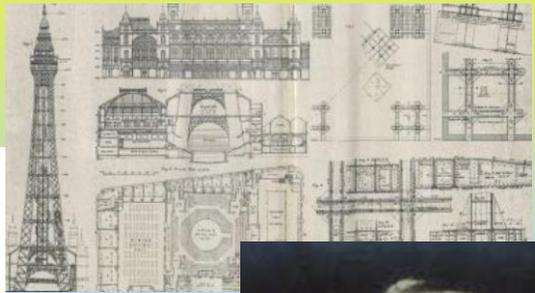
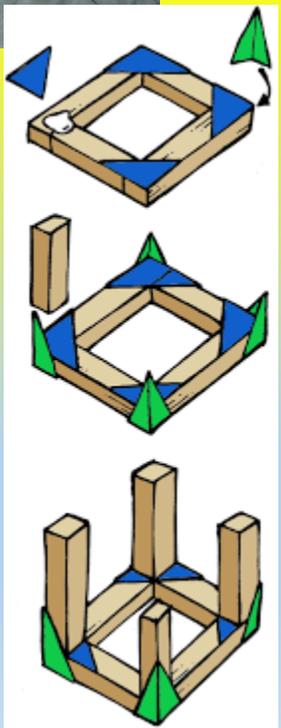


Key Vocabulary:
Civil Engineer
Structure
Hand drill
Join



Key Learning:

- How are towers built?
- Who built Blackpool Tower? Why doesn't it fall over?!
- What is a Civil Engineer?
- Who builds and designs them?
- How are **structures** made strong and how are **joints** secured?
- How do you drill holes in wood and cut wood to a certain length?



James Maxwell (1838-93) and (William) Charles Tuke (1843-93).





DT Spring Term

Electrical
Systems Year 6

Key Vocabulary:

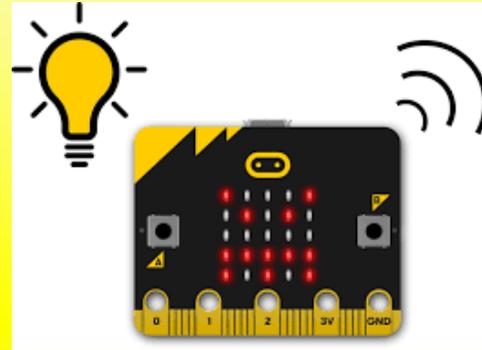
Sequence

Variable

Sensor

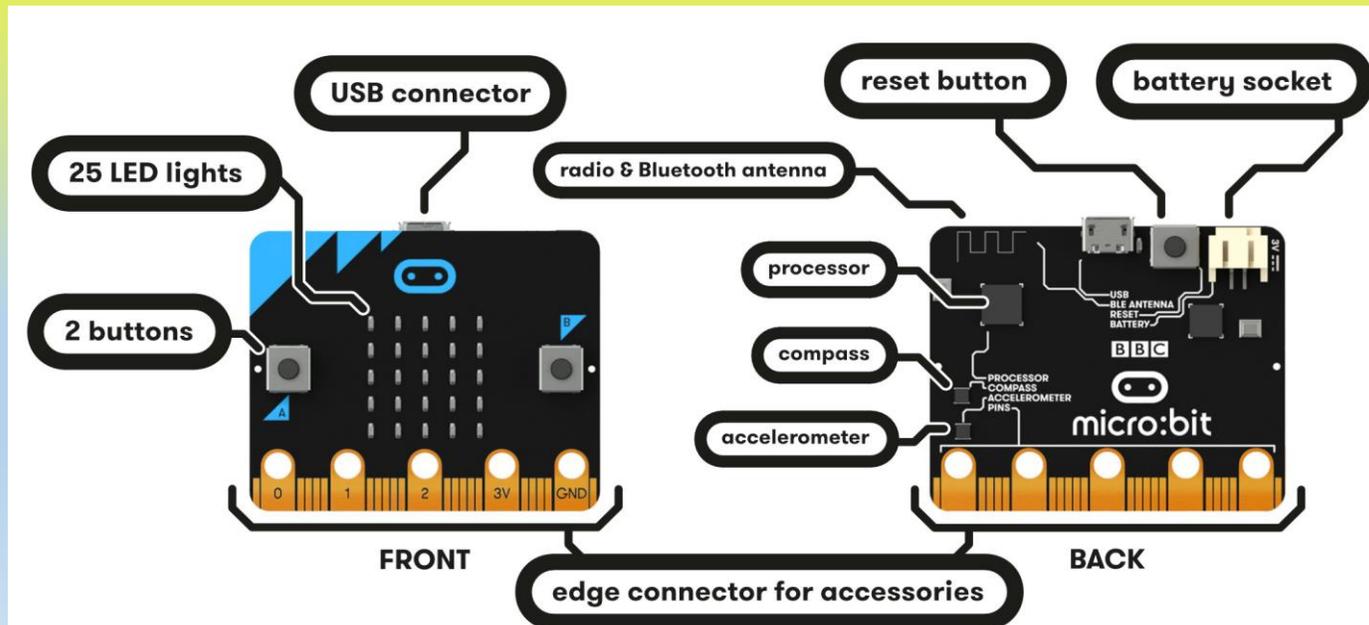
Debug

Microbit



We will investigate:

- How can we use ICT (Microbit) to control lights and sensors?
- How are the Blackpool Illuminations secured to their structure?
- How can we program lights to turn on and off with certain criteria (e.g. when it goes dark)





DT Summer Term

Food
Technology Year 6

Key Skills:

- Bridge hold
- Claw grip
- Fork secure
- Grating
- Cooking fillings by using a hob
- Cooking products in the oven



We will investigate/design:

- The taste of 'On the go' products (e.g. Simple spring rolls, Special smoked haddock samosas, Cornish pasties) and whether these are a healthy choice.
- The impact of key individuals (Jamie Oliver) on children's school dinners
- Recipes for 'on the go' products
- A recipe for our own 'on the go' product that meets some of the criteria from the Eat Well plate/ some of our 5-a-day
- An evaluation of our product by taste!

