

Victorian Seaside Holidays - D.T.

Year 6
Summer

Overview

In this topic, the children will be using their design skills to design a stuffed Punch and Judy puppet. The children will use their sewing and textile skills to make puppets fit for the purpose of use in a puppet show. The children will then combine their Science learning of electrical circuits with their D.T. skills and plan and design a new feature for the Blackpool Illuminations.



Tools or materials you may use in this topic:



Key knowledge - D.T.

- Use a running stitch to sew stuffed Punch and Judy puppets fit for being used in a Punch and Judy show to the rest of the class.
- Complete market research on existing features in the Blackpool Illuminations and use this to our own prototype designs of a new Illuminations feature.
- Follow design brief of using at least 3 different electrical components and being a freestanding structure of at least A4 size to design and create a new illumination attraction.
- Evaluate the effectiveness of your product by appearance, originality (referring back to market research and weather testing (fanning heavily acting as wind). Also test using the design brief as a success criteria and on whether your product suits the target consumer / audience which is families.

Key Vocabulary

Word	Definition
Bradawl	Pointed tool used for piercing a hole.
Bench Hook	Wooden safety tool to support cutting of wood.
Evaluate	To find what went well and what can be improved.
Market research	Finding out what products there already are to inform us about similar products.
Prototypes	First attempts at designs.
Reinforce	To strengthen a structure.
Electrical components	Pieces of electrical circuitry that is used in your product.
Illuminations	Light up features.
Design Brief	A list of criteria to follow when designing a product.

