

Learning Experience Curriculum Outline for Year 6.

This Experience will start on 20st January 2015.

Grand Designs

Values

Co-operation and enjoyment.

The purpose of the experience

The purpose of this experience is for the children to work as part of a team to design a fairground ride to replace the Torbay Wheel. In addition to this, the children will also need to write an explanation text to describe how their ride works and produce publicity materials for their ride (e.g. a business plan).



Polite recommendation:

In the upcoming weeks, the children will be planning their fairground rides, therefore they would benefit from completing primary research by visiting either: the park, or an adventure park (such as Woodlands). Whilst there, they would benefit from looking at the designs of the rides and their target audience.

Numeracy

Following on from the work the children have completed on averages, fractions, decimals and percentages, we will be focusing on representing data which will link to our experience work.

Computing

In ICT, the children will be using Microsoft Excel to cost out their own theme park and then creating a scaled drawing of their park. Alongside this, the children will be completing market research for their Experience work and then using various software to build a professional business plan.



The outcome to the experience

The experience will culminate in the children working collaboratively to create a model fairground ride which includes a moving part, consisting of a pulley system and motor.



The learning taking place

- The learning experience will begin with a discussion of parks and theme parks the children have already visited. We will also be looking at videos showing rides from various theme parks.
- We will be learning about electricity, including circuits and the safety consideration necessary when working with electrical equipment.
- The children will be set a design brief and following extensive research and evaluative work, will be designing and making their own fairground rides, which will include a circuit, motor and pulley system.
- The Literacy focus for this experience is explanation texts, where we will initially be using the film 'Wallace and Gromit' as a stimulus for our writing.