

Great and Little Shelford CE Aided Primary School. Year 6 summer term project

Literacy
Instructional texts - how to build them and how do they work.

Short story for young children illustrated by the fairground ride.

Technology
Planning a ride with diagrams and materials lists.
Measuring, cutting and joining wood and card.
Fabric for some parts possibly.
The drive system - gears or a pulley mechanism.
Mock ups of possible drive systems.
Support structures including 2 bearings minimum for any rotating shaft.

Fairground Rides

Science
Review of circuit knowledge including circuit diagrams and symbols.
Switches and the various ones that could be used in the model.
Gearing up and down including with pulleys.

History
What were the first rides like?
How were they powered?

ICT
Research types of traditional ride that use a turning motion. Scrap book of ideas including how they were traditionally decorated.

Music
Fairground music - squeeze box music. Music to go with your model.

Big Start - Bressingham Steam Museum - time lapse of galloper rebuild and first run.

Performance opportunity: in class presentation of working models to either parents or another class.