



Forces in the Park

Cross-curricular activities

English

Children describe a favourite toy to other children. Children could write a story or a report about a favourite fairground ride. Children could write newspaper reports or create stories about a natural disaster, researching real, or fictitious ones. Books: Mrs Armitage on Wheels.

Maths

Create graphs of data collected on the trail – what was the most common force in their tally chart? Could they measure the forces in any way? Introduce the children to force meters and measure some common forces used in the classroom or on a trail. What was the biggest force needed?

Geography

Look at toys from different countries or cultures, how do they work or move?

Look at maps of the world to see where natural disasters showing extreme forces have occurred. What causes these events? For example, fault lines, volcanic regions, weather – where is there extreme weather in the world and what causes it?

History

Which scientists are linked to forces e.g. Newton and recently Inge Lehmann (1888 – 1993). She discovered that the earth had an inner core and she is a great person to study to show prominent female scientists to children.

When were the children's favourite toys invented? By whom? What did early versions of their favourite toys look like? How were they developed?

Technology

Using the internet and apps to research more about forces and use spreadsheets to record data on the trail. A word processor or PowerPoint can be used to present photos and create a report about the trail.

Art & DT

Create drawings, paintings or sculptures of toys and models of playground equipment.

