



KENTMERE ACADEMY AND NURSERY

YEAR: 5/6 OPTIONAL HOMEWORK MENU – Summer Term



Art:

Make a flipbook animation of a roller coaster ride that includes a loop the loop

Geography

Research online to find information about roller coasters from around the world. Which is the oldest? The longest? The scariest? Record your results in a table.

Science

Use the web to investigate scientific data about a range of different theme park rides. Find information such as the ride's length, g-force, type and height.

Music

Create your own radio advert including a jingle for a theme park of your choice.

Homework Menu Scream Machine

Design Technology

Explore your home and the surrounding area to look for machines, toys and other objects that use cams, gears, levers and pulleys. Take photos and create a montage of all the different mechanisms found.

Design Technology

Make a loop the loop using flexible track. Modify the track until a marble or toy car can successfully make it round the loop.

History

Research and write a biographical account of Walter Elias Disney, animator and entrepreneur. Find the location of Disney theme parks around the world.

Computing

Research the history of fairground rides, and create a PowerPoint presentation that includes information, timelines, pictures, film and sound clips

Physical Education

Become a pendulum on the swings at the park. Swing as high as possible and time how long it takes for you to slow down and stop completely. Time friends and family then identify patterns in your results.

Celebration Date:

2nd July- Y5 Trip

11th July- Y6 Trip

PSHCE

Plan a trip to a local theme park for your family. Calculate how much it will cost, how long it will take to get there and write an itinerary for the day.