



## Scream Machine Homework

Over the next term Year 4 & 5 will be learning about theme parks and roller coasters. In the grid below, you will find many interesting activities for you to complete at home. Choose one activity each week to complete in your homework book. Your book will need to be returned to school every Wednesday for the class reflection time where homework will be displayed and shared with class peers.

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                              |                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b><u>Mathematics and Numeracy / Languages, Literacy and Communication</u></b></p> <p>Plan a trip to a 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.</p> | <p><b><u>Humanities/ DCF</u></b></p> <p>Research the history of fairground rides, and create a PowerPoint presentation that includes information, timelines, pictures, film and sound clips.</p>             | <p><b><u>Science and Technology</u></b></p> <p>Make a fairground ride/rollercoaster using available materials (Lego, Kinex, etc). Why not include a loop the loop?</p>                                                   | <p><b><u>Languages, Literacy and Communication</u></b></p> <p>Write a diary entry after a trip to the fair (real or imaginary!) How did you feel? What did you see/hear/smell?</p>                                                                          |
| <p><b><u>Languages, Literacy and Communication / DCF</u></b></p> <p>Research and write a biographical account of Walter Elias Disney, animator and entrepreneur. Find the location of Disney theme parks around the world.</p>                    | <p><b><u>Humanities/ DCF</u></b></p> <p>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.</p> | <p><b><u>Mathematics and Numeracy/ DCF</u></b></p> <p>Use the web to investigate mathematical data about a range of different theme park rides. Find information such as the ride's length, g-force, type and height</p> | <p><b><u>Science and Technology</u></b></p> <p>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</p> |
| <p><b><u>Expressive Arts</u></b></p> <p>Sketch/create your face as if you were on a rollercoaster. Be as imaginative and creative as you can!</p>                                                                                                 | <p><b><u>Science and Technology</u></b></p> <p>Have a go at making fairground foods!</p> <p>Why not put your own twist on it?</p>                                                                            | <p><b><u>Science and Technology</u></b></p> <p>Research one scientific force e.g gravity, air resistance, friction and create an information poster about it.</p>                                                        | <p><b><u>Languages, Literacy and Communication</u></b></p> <p>Write an acrostic poem about a roller coaster. Describe the sights, sounds, forces, movements, smells and tastes of being at a theme park or on a roller coaster!</p>                         |