

# Year 5 Autumn 2 Homework: Rollercoasters

For homework this half term, complete the tasks below.

You may complete the tasks in any order.

Take care with the presentation of the work and ensure you put in the same effort you would put into your school work.

Please return your completed work on Monday 6<sup>th</sup> December 2021.



## Rollercoasters around the world:

Have a go at researching the five biggest roller coasters around the world. Can you identify what continent, country, city and theme park they are each located in.

What other additional information can you record about the rollercoaster?

- Kingda Ka
- Top Thrill Dragster
- Superman: Escape from Krypton
- Tower of Terror II
- Red Force

## Rollercoaster Forces:

[https://www.youtube.com/watch?v=wsaYBjcBpbM&ab\\_channel=CheesingtonWorldofAdventuresResort](https://www.youtube.com/watch?v=wsaYBjcBpbM&ab_channel=CheesingtonWorldofAdventuresResort)

Watch the video clip above about forces used in rollercoasters.

Make notes as you at the video clip and use this information to help you create a detailed fact file about different forces in action.

You can choose to present this using a mix of written facts, subheadings and diagrams.



## Theme Park Survey:

Create a survey to interview your family and friends on their preferred theme park.

Can you present this information as a graph?

What type of graph would be most suited to this data? If you have access to a computer, you may choose to use

Microsoft Excel to create a graph.

Remember to include a title and axis headings.



## Amusement Park Statistics:

The graph shows the attendance at leading amusement and theme parks in the United Kingdom (UK) from 2019 to 2020 in millions.

Which was the most popular theme park in 2020 and 2019?

Which theme park was the least popular in 2020 and 2019?

How many fewer visitors did each theme park have in 2020?

What is the difference between the most popular and the least popular theme park in 2019?

What was the combined number of visitors in 2019?

How does this compare to the combined number of visitors in 2020?

Can you explain the decline in visitors in 2020?

