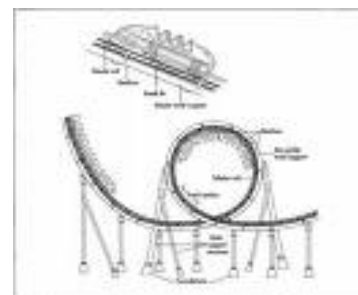


Design a Theme Park Ride

Use the Internet to investigate different theme park rides such as roller coasters, log flumes, pirate boats etc

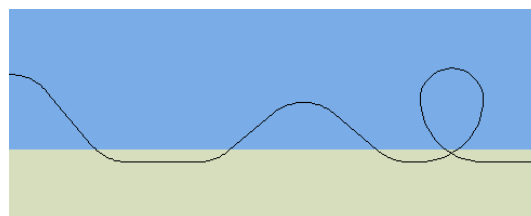


Your task is to design a new ride.

Write a short report which includes the following:

1. The name of your new ride
2. The category of your new ride (e.g. roller coaster)
3. The aim of your ride (e.g. to be fun, to scare people)
4. A description of the theme for your ride e.g. 'The Black Hole' = space theme, 'Storm Force' = Lifeboat theme
5. How many carriages/boats will your ride have? How many people can be seated in each carriage?
6. On paper, create a design of your ride.

It doesn't have to be a complicated drawing, it can be as simple as the one here (or as artistic as you like)



7. On your paper design:
 - draw all of the positions where sensors will be used
 - explain which types of sensors will be used in each position
 - explain what each sensor will be measuring
 - explain what the computer might do in response to the signals from the sensors