

# Amusement Park Ride - Engineering Challenge

Design an exciting, interesting, and safe amusement park ride using your Robotic kit and your computer.

With your partners, research, talk about a design and draw a picture and/or use words to describe your idea. Make sure you can actually build your idea using your Robotic kit.

People should be able to get on and off safely.

The ride should be fun and interesting. Use the NXT-G software to change speeds, make sounds, change directions or anything else that can make the ride exciting and interesting.

Add a sensor to start your ride automatically.



## Constraints

The robot can have as many motors and sensors as you like, and be as big as you like, but it can only have one NXT.

The robots will when a signal is made to start.

## Report

Write a brief report about your approach to the challenge addressing the following questions...

- Who was in your team?
- What research did you do? Include any useful links to websites.
- What was your approach to the design?
- What problems did you have and how did you fix them?
- What did you learn?

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