

WB: 4<sup>th</sup> May

## Discovery Quest: Playgrounds



Topic Question: How can we use our knowledge of mechanical systems to make structures move?

LQ: How can we use our knowledge of rotation to create a playground ride?

Within the next few lessons your task will be to create a model Ferris Wheel at home. Before you do that you are going to design it first.

Use the internet to research information about Ferris Wheels. Think about which material would be best to use for the model - think about strength, ability to fold etc.



My design of my Ferris Wheel