<http://www.mtkeira-p.schools.nsw.edu.au/years/year-2/rich-tasks-2012>

<http://www.bbc.co.uk/schools/scienceclips/ages/10_11/forces_action.shtml>

<http://www-g.eng.cam.ac.uk/mmg/teaching/peterstidwill/interact/resources/parkworldplot/parkworldplotlink.htm>

Percy Park was very impressed with your previous work so he has decided to re hire you!! Your new job will be to DESIGN AND MAKE a theme park that demonstrates at least one of the forces we have been looking at this term (e.g gravity, friction, push, pull).

**You will need to:**

• *Create a design brief:*

-What will it look like?

-What can it do?

-What materials will you need?

-Name of your ride?

What age are you targeting?

• raw a plan using a force diagram to explain:

* how will your ride work?
* what forces are involved? (use force arrows and labels)

• *Build a model* of the ride using recycled materials.

• *Present* the above to your class and teacher.