



McPark's Innovation Fair

calling all
inventors

Next term we are running an innovation fair.

The challenge:

create a prototype of a machine with at least two moving parts. The machine must either:

help the environment or **help people** or **help animals**

This is a process you might like to use when planning your invention.



Define the problem that you are trying to solve (you may want to do some research about some problems or you may know of one already).



Do some brainstorming about your ideas.



Decide on which design is going to best meet the solution.



Deliver and discuss your design to others at "McPark's Innovation Fair".

Other information:

- You can use any materials you choose but we encourage you to think about recycling materials wherever possible.
- You can involve your family too!
- In week 10 of term 3, all entries will be invited to be part of the 'McPark's Innovation Fair'. For this, students will be asked to bring their brainstorming and designs they drew (so don't throw them out, they are important!).
- The school community will be invited to come in and see all the inventions.
- Prototypes will be judged on the way they meet the criteria and their innovative design.
- There will be prizes.

You will need:



a growth mindset (remember most designs and inventions take lots of time to get right, learn from your mistakes)



an innovative and creative mindset (no idea is a bad idea!)



a what if...? mindset (imagine the possibilities...)