

GENERAL CHALLENGE

As we have discussed over the last few weeks, everything we do has an impact on the environment. So now it is time to combine all that you have learned into one fun project that is both fun and environmentally friendly.

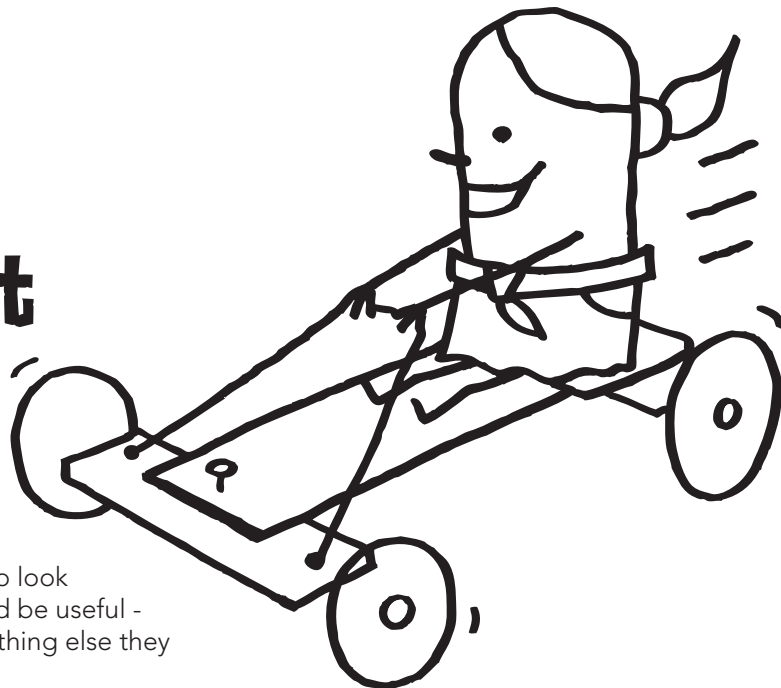
PROJECT

create a GO-KART

Your challenge is to build a go-kart out of waste materials.

Over the next few weeks, design and build a go-kart out of old bits and bats. Ask everyone to look in their garage or garden for anything that could be useful - like old bike or pram wheels, old wood and anything else they think you could use.

If there are enough of you, split into two teams and build a go-kart each. At the end judge them on how good they look, how well they handle and how fast they go, then have a race to see which is best overall.



Here are a few tips to help you make your go-kart as eco-friendly as possible:

- Try to avoid using power tools or anything else that consumes electricity.
- Build it outside in natural light if you can.
- Try and re-use old materials wherever possible - including the screws and nails you use to build it.
- Ask around for old paint to decorate it rather than buying new.
- Remember to use both sides of the paper when doing your design and try to ensure that it is recycled afterwards.

GOING FORWARD

Not all your fun can be as environmentally friendly as building a go-kart out of scrap - but see if you can use the ideas to break the computer game and TV habit.

There's lots of ways that you can have fun without plugging in. You could build a den or a tree house in your garden or in the grounds of your hut or hall, or ask your parents for a small area of garden and grow your own fruit or veg. You'll be surprised how much fun getting outside and building something can be!

