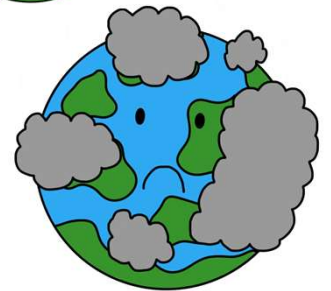


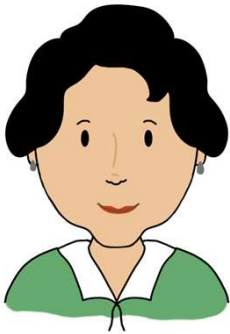
Hello! My name is Rachel Carson. I was a biologist, author, and conservationist. I worked hard to communicate the effect of pollution on the environment to the public. Can you help look after our planet?

The earth's climate is changing. This is caused by a number of factors, including greenhouse gases such as CO₂, which cause our planet to get increasingly warmer. The air, sea, and land are getting polluted from vehicle emissions, factory waste and landfill sites (to name just a few).



Lots of people do their part to help the planet, for example by walking or cycling instead of using cars. But what happens when we need to travel a long distance or transport food and goods around the world? We need some ways of travelling or transporting essentials long distances in a sustainable way.

Can you invent either a new type of vehicle that can travel long distances whilst keeping the planet clean, or something which can help remove pollution from the air, sea, or land? Where would it get the energy to work? Would it produce any waste? Could the waste be recycled?



How to enter:

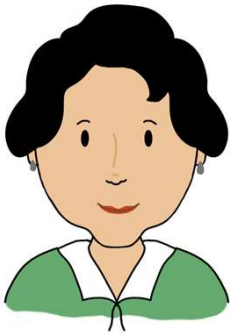
Your invention can be drawn, painted, made of Lego®, cardboard, or whatever you have in the house.

To enter the competition paste a photo of your invention into an email (csct@bath.ac.uk). Please include a short description of your invention, including how it would move, what its energy source would be, and any special features it has.

Alternately you can post your invention to twitter with the hashtag: **#CSCTinventionKS3** Again with a description to help us understand it!

There will be a prize for the best invention!

The deadline for entries is July 20th 2020



Useful resources and links:

What is sustainability?

<https://www.bbc.co.uk/bitesize/guides/znmnb9q/revision/1>

How countries/cities are being sustainable

<https://www.bbc.co.uk/bitesize/guides/zsxsgk7/revision/1>

Fuels and energy sources

<https://www.bbc.co.uk/bitesize/guides/zggk87h/revision/1>

Interesting discussion on inventions and whether robots will take over the world!

<https://www.bbc.co.uk/bitesize/topics/z9gcwmn/articles/zc2mgdm>