

27th November 2025 – DESIGN A ROBOT

Bring on the challenge!



Step into the exciting new world of robots and become a robot designer as you work with your team to create an amazing, world-changing robot to help people now or in the future.

Homework due Wednesday 10th December



Imagine and innovate



Dream up the most exciting, helpful, and responsible robot you can think of! It could help clean the oceans, care for the elderly, rescue people, or solve any problem that you have identified or hasn't even happened yet!



Design and develop



Name your robot and design a stunning promotional poster, advert or labelled diagram that shows what it looks like, how it moves and what it can do. Make it colourful, creative, and clear so everyone knows how brilliant your robot is!



Persuade and impress



Write a short, powerful explanation (under 200 words) about why your robot is the perfect hero for our planet. Explain what problem it solves, how it works, how you will tackle any objections people may have about it and why it's better than the rest!



Future career



Imagine you're in a team of people creating this robot. Describe the job you would like to do the most and explain why that's the job for you. Make sure you include the skills you'll need to become an expert in this role.