

## Year 4 Project Homework: Electric World

This homework has been set from Monday 3rd June 2024. The homework project is due on Friday 28<sup>th</sup> June 2024. For this project homework, can you please select one or more activities below and complete them. You will present what you have found out to the rest of your class. Please ask for whatever paper you need from your teacher during the homework project.

This homework project is for the whole family to get involved with and we would encourage children to get help completing any of the activities.

Write a poem or song about Robots.	Make an information leaflet about the most automated countries in the world (countries that produce the most robots). Locate them on an online map or in atlas.	Watch a Robot movie and write a film review. Robots Wall-E Iron Man	Imagine you have been three days without electricity. Write a diary entry of what it is like. What can't you do? How does it feel?
Design and make your own robot out of junk material at home. Write a short manual explaining how it works and what it does.	Draw a comic strip about a robot.	Look at robots in film history and create a robot timeline.	Make a poster explaining different types of sources of energy we use to make electricity. What are the advantages and disadvantages of each?
Draw and label your own robot, then write an explanation text to explain how your robot moves and works.	Draw a picture that explains how electricity gets to our homes. Label your drawing.	Create a robot language using codes.	Write a newspaper article about Faraday's, Edison's or Franklin's invention linked to electricity.

**Free choice:** Pick a project of your own to complete. Remember it has to be about *Robots*.

**Try these websites at home or in homework club:**

<http://www.sciencekids.co.nz/robots.html>

<https://ifr.org/ifr-press-releases/news/robot-race-the-worlds-top-10-automated-countries>

<https://www.bbc.co.uk/bitesize/topics/zp22pv4/articles/ztxwqty>

<https://www.bbc.co.uk/bitesize/topics/zshp34j/articles/zntxgwx>

<https://www.theschoolrun.com/homework-help/thomas-edison>

<https://science.howstuffworks.com/robot-pictures.htm>

<https://www.youtube.com/watch?v=t0Lozvon93g>