

- Reducing traffic pollution is an important factor in designing buses for the future. How are hybrid buses the first step towards totally emission-free transport?
- A bus can be powered by three different sources. Can you name them and their key features?

- There are already 2,600 hybrid buses in London and 300 on the road in Manchester!
- By 2034 Transport for London has committed to delivering a zero-emissions fleet.

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graph TD
    Start[Start: I'm interested in...] --> Maths[Maths  
I enjoy solving problems]
    Start --> Technology[Technology  
I enjoy inventing or coming up with my own ideas]
    Start --> Science[Science  
I like to investigate and use materials from the world around me]

    Maths -- Sometimes --> Comp[I like using computers]
    Maths -- Always --> TechComp[I like to build things]
    Technology -- Always --> Comp
    Technology -- Sometimes --> TechComp
    Science -- Sometimes --> Expt[I enjoy taking part in experiments]
    Science -- Always --> TechComp

    Comp -- Sometimes --> F1[You could be the future of F1...  
Use resources and technology to build the fastest car on the track, prepare to experiment, designs must be just right!]
    Comp -- Always --> TechComp
    TechComp -- Always --> Game[You could be a future Game designer...  
Work with the latest software to incorporate parts of the world we know into a thrilling on screen adventure.]
    TechComp -- Sometimes --> Expt
    Expt -- Sometimes --> Game
    Expt -- Always --> Planet[You could be the future of our planet...  
It's never been more important to take care of the world we live in. Manage and control the planet's energy, everyone is depending on you!]
  
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What are your interests?

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Word jumble

What is the name of the London bus using Siemens hybrid technology?

Answer:

**Cut out and put together
your very own Hybrid Bus.**

How long would it take you or
your production team to build
enough to run the whole of
London?

