

GETTING AHEAD



Start to develop skills that are relevant to your course before you join HSDC this September!

Engineering – Level 2 Extended Certificate



The use of Alternative Power sources within motor vehicles is the future whether we like it or not, as petrol and diesel will be phased out in the next 20 years.

Use the internet to research the following task.

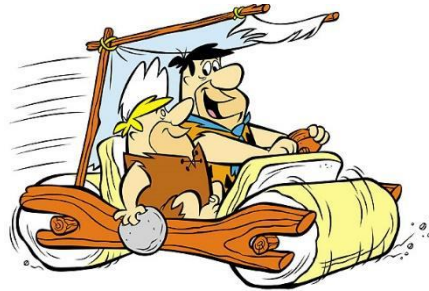
Activity

- Get a picture of any car. (one that you like – it does not have to be of that power source)
- Decide which alternative power source it will be using. (hydrogen, electric, nitrogen, biofuel, etc)
- Explain how this alternative power source will be used to power your vehicle.
- Explain why this alternative power source is more beneficial.
- Explain what other “environmentally friendly” gadgets could be used on your vehicle to make it a sustainable mode of transport. (these can be real or from your imagination)

We look forward to seeing you in September!

For further information about your College and being a student at HSDC, please visit hsrc.ac.uk/Alton

e.g.



Which Power Source: Foot Power

How does it work: You move your feet along the ground and make the vehicle go forward

Benefits: No harmful emissions, open plan for weight saving, simple to make therefore low price, freewheel device for downhill.

Environmental Gadgets: Low rolling resistance wheels, made from sustainable materials, materials can be recycled after use

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