

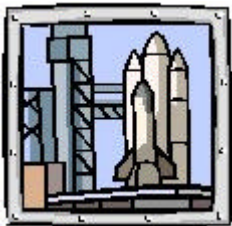
Kids Sheet Hydrogen

Hydrogen is the simplest and lightest element in the universe. It is also the most abundant element in the universe and the 3rd most abundant element on earth. Hydrogen can be used as a fuel to provide energy.

As oil reserves around the world are used up, we need to find other fuels to power our homes, business and cars. Hydrogen can be used as a fuel to replace oil in the future.



Hydrogen can be used to power buses and cars instead of petrol. There are already some hydrogen buses and cars being made. For example this bus is powered by hydrogen.



Hydrogen is already being used to power rocket ships.

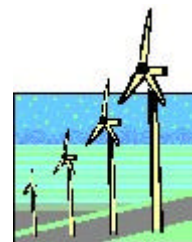
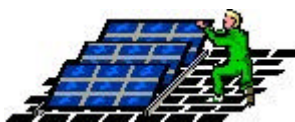


It is also being used in many factories to make things like plastics.

Hydrogen cannot be mined from a well like oil is. It must be made from something that has hydrogen in it, for example natural gas. WA has lots of natural gas.



Hydrogen can also be made from water (H₂O) using electricity created from renewable energy. Making hydrogen in this way creates no pollution, which is very good for our environment.



Activity

Hydrogen is the 3rd most common element on earth - do you know where it is found?

Search 'hydrogen' on the Internet and find out about all the different uses for hydrogen.

Find pictures of all the different types of hydrogen cars that are being made around the world.

Ask your teacher how hydrogen could be made in Australia.