

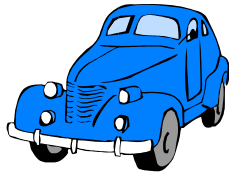
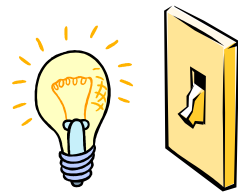
Kids Fact Sheet Fuel Cells

Fuel Cells are like a battery, except that as long as they are fed fuel they keep producing energy. They do not go flat or need recharging.



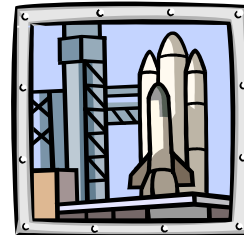
Ballard Fuel Cell Stack (www.ballard.com)

Fuel cells produce electrical energy that can be used for many different things. Fuel cells can be used to light our school classrooms. They can be used to warm and cool our homes.



Fuel cells can be used to power an electric car.

Fuel cells are used on space shuttles. They provide electric power on board the shuttle and produce water as a by-product that can be used for drinking by the astronauts.



There are different types of fuel cells, which can use different fuels. One fuel that can be used in fuel cells is hydrogen. The best thing about hydrogen fuel cells is that they don't create any pollution. Other ways of producing energy, such as burning oil, create a lot of pollution. That means that hydrogen fuel cells are good for the environment and also our health.



Activity

Search 'fuel cells' on the Internet and find out where they are being used today, and what they are being used for.

Find pictures of all the different types of fuel cell cars and buses that are being made around the world.

Ask your teacher about how your school could use fuel cells.