

Fuel Cells

燃、料、電、池、

『学習する』 Learning



Now I'm itching to know so many different things.

今、いろんなこと知りたいから、ずいずいしてる。

世の中、知らないことや不思議がいっぱいだからおもしろいのかも知れないな。

There are so many unknown and mysterious things in this world. That's probably why it's so interesting.

Unique

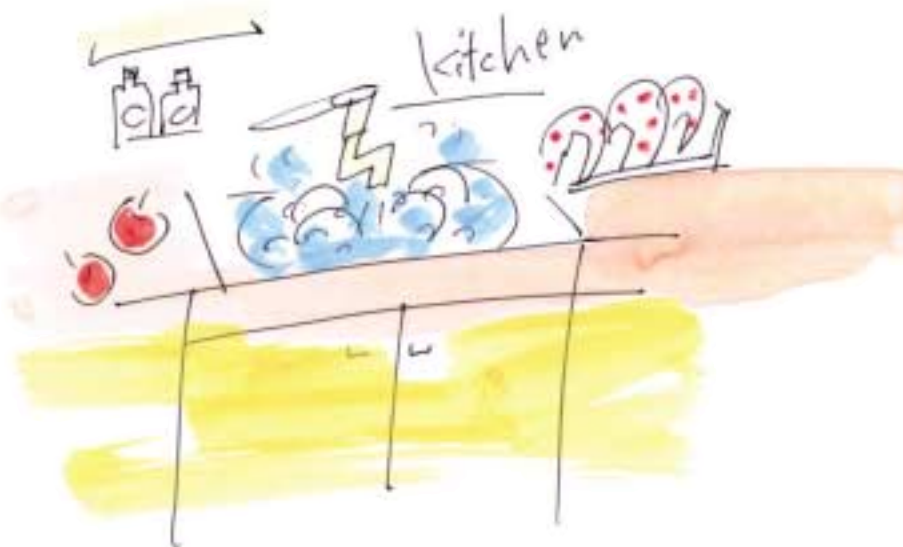
ユニークなエネルギー Unique Energy

「えっ、電池で家事ができるようになるの？」

電池といっても使い捨てとは別モノで、都市ガスで発電ができる燃料電池のコト。家庭用の燃料電池があと数年で実用化されたら、もう停電なんてコワくない！

What! I'll be able to do the housework using batteries?

When we say batteries, we don't mean disposable batteries, but rather fuel cells which use town gas to generate electric power. In a few years, when these fuel cells for household use are available, power outages will no longer be something to worry about.



Column

アポロ宇宙船にも乗った燃料電池

Fuel cells that were used on the spaceship Apollo

宇宙船の発電装置として開発された燃料電池は、水素と酸素を化学反応させて電気と水を作るしくみ。各家庭で都市ガスから簡単に作り出せれば、発電するときに出る排熱で給湯や冷暖房などに使うこともできます。家庭用の実用化が待ち遠しい！

The fuel cell that was developed as a generator for spacecraft is structured to produce electricity and water from the chemical reaction between hydrogen and oxygen. If this can be done so easily in every household using town gas, the exhaust heat produced during power generation can also be used for water heaters and air conditioning. Looking forward to commercialization for household use!