Mr Cool Smiley with sunglasses is the king of the emoji world as he is totally relaxed. It is used to convey that everything is cool.

Sanjay Srivastava, AIS Vasundhara 6, V C

Emoji world

The common man's gizmo

Hey Scientists, How About You Invent Some 'Real' Gadgets For 'Real' People?

Anika Joshi
AIS Vas 1, IX

Talk about science and its advancements. From flying cars and food printers to ties that can double up as flasks, the world of science has pretty much everything to offer. But to us, the common man, these scientific inventions are rather useless (no offence there, geniuses). Think of it, what would we do with a flying car when we can't remember where the car keys are. Thankfully enough, there were some inventions and discoveries in the world of science which understood the ordeals of being a common man.

We don't want a trash calculator.
All we want to remember is what we threw into the trash.

Welcome aboard the Amazon Trash – made for the common populace that can't keep tab on the grocery items that the household is running out of.

Although it is only in its prototype stage, but Amazon Trash Can is a sleek and smart solution for all your grocery needs. Yes, groceries. This trash can comes equipped with a tiny camera and a bar code scanner, which records everything you throw away such as household cleaning supplies and milk cartons. It then sends the information to Amazon.com where the items in trash are reordered and shipped. Easy life!

Because, of course, we would love to invest our money into trash cans indulging in mindless grocery-shopping for us! Couldn't get any better?

We don't want an umbrella that can double up as a parachute.
We just want to remember taking one out on a rainy day.

Be it a rainy day or a sunny day, an umbrella is surely useful, but only if you remember to carry it when needed. But, in case you happen to lay your hands on the 'Ambient umbrella', it would be hard to forget it behind. Because this umbrella is an intelligent one and loves its owner so much that it communicates with the owner through a series of patterned blue lights whenever there is a forecast of rain, snowfall, thunderstorm or hail. It has a wireless data radio chip embedded into its handle due to which it glows and keeps glowing till you actually pick it up and step out.

As if the digital communication with people around the world was any less frustrating!

We are not looking for a fork that can cool the food simultaneously.
***We are just looking for something that ensures we aren't eat*ing forkfuls.**

It takes 20 minutes for your stomach to tell the brain that it is full. So the speedy eaters never get the signal and chomp up all that they can only to later have the weighing scale tilt towards the right. Good news: our dear innovators have made something called 'Hapifork'. This fork counts the bites and whenever you are dunking in food too quickly it vibrates gently to remind you to eat slowly. Since it is synced with your smartphone, all the information like duration of meals, frequency of forkfuls, etc., are transmitted through Bluetooth to your phone. God, now even satiating our late-night pasta cravings won't be possible anymore! GT

The quirky laws of attraction!

Science Experiment

Does The Nature of a Liquid Impact Its Magnetic Power?

Aim

To find out how a magnet is impacted by different kinds of liquids.

Theory

The effect of liquids on Magnetism

Materials

- Glass – 3
- Magnet – 1
- Paper Clips – 12
- Water – ½ Cup
- Vegetable Oil – ½ Cup
- Light Corn Syrup – ½ Cup

What science says

The thickness of each liquid, also known as its viscosity or consistency, may vary according to its nature, and thus may affect how magnetism takes place in its environment. This phenomenon helps to understand the nature of liquids, as well as the concept of magnetism, how it works in different states of matter. Since liquids have a more variable spacing of molecules as compared to solids, and are more easily manageable than gases, studying their magnetism becomes even more interesting!

Text: Rishta Karam, AIS Gur 46, V

Procedure

1

Place the three glasses in a row.

2

Fill the first one with water, the second one with vegetable oil, and the third one with corn syrup.

3

Next, place 4 paper clips in each glass.

4

Gently push the clips to the bottom of the glass.

5

Take the magnet and place it next to each glass one by one.

6

Note down how fast the magnet attracts the clips in the case of each liquid.

Observations

You will notice that in each case, the magnet is able to attract the paper clips, but the speed at which they travel towards the magnet is different for every liquid. The clips travel the fastest in water, then in oil, and the slowest in corn syrup.