

IEI Science Club Newsletter

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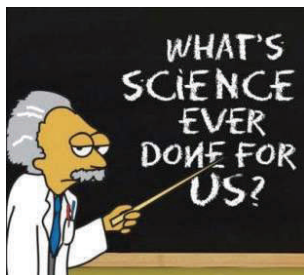
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Quote of the issue

Science and technology multiply around us. To an increasing extent they dictate the languages in which we speak and think. Either we use those languages, or we remain mute.



SCIENCE AROUND US..!!

Pavithra Kumar.

Watch a spider in its web, observe the animals around you, observe the plants, watch flowers bud and blossom, observe the similarities between generations in your family, observe your car moving, observe the earth, observe your brother or sister grow up, why, watch yourself grow up! Everything around you and me is submerged with a little bit of science. Science glows from amoeba to a rocket.

We can see that a plant germinates from a small tiny seed into a huge tree. How do you think the seed becomes big? It is by basic science! How do you think it happens? The cells of the plant in the edge and the cells that are present in the roots and shoot tips grow through a lot of processes which when studied and found that it is a biological happening which is also science!

Why take an example of a plant? Lets take ourselves as an example. How do you think we grow or eat or sleep? Through a lot of biological interdependence and chemical actions.

Even a small toy is made after a lot of experimenting.

'Science and technology multiply around us. To an increasing extent they dictate the languages in which we speak and think. Either we use those languages. Or we remain mute', is a famous quote by Ballard J.G. But this quote is taken in a wrong way and people think that the word 'science' is about the latest technology that comes up or that its a word too big for a person to carry about or that only a scientist can make do or make use it. But this thinking is wrong. 'Science' itself means 'knowledge' in Latin. When everybody has knowledge then why not everybody having the equal capability of using science in a different daily lifestyle ways.

**SCIENCE
SCIENCE
EVERYWHERE
YOU ARE!!...**



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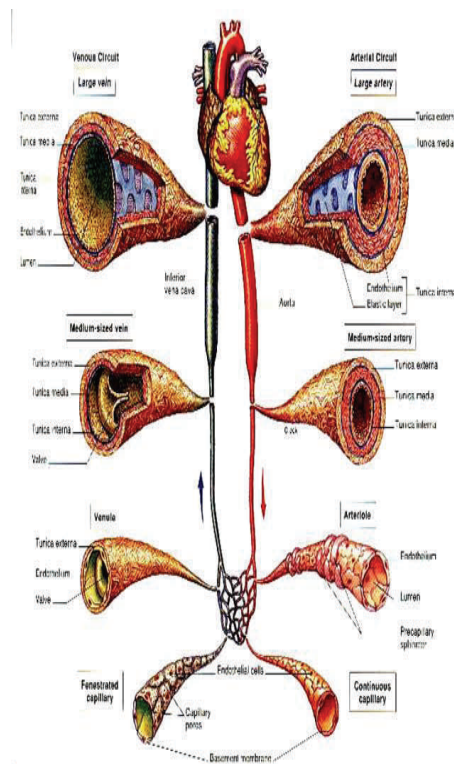
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Green and Clean

In order to thrive in our world, we need 3 basic things; clean air, water and food. In our fast-paced modern world, we have moved far away from that knowledge and more and more into comfort and a “wants” over “needs” mentality. We have strayed from the wisdom of our ancestors who cleaned to keep the family healthy. Now we clean thinking it is healthier, but also clean for appearances. We want things shiny and smelling like spring meadows; instead of opening up our windows to get fresh air. We plug in toxic cocktails to circulate artificial fragrance into our home, challenging our immune systems. The store shelves are filled with bottles and bottles of products designed to kill germs, bacteria, viruses and so forth. The problem is that they also kill the beneficial microbes we need for good health.

Amazing Facts

1. There are 62,000 miles of blood vessels in the human body – laid end to end they would circle the earth 2.5 times
2. At over 2000 kilometers long, The Great Barrier Reef is the largest living structure on Earth
3. The risk of being struck by a falling meteorite for a human is one occurrence every 9,300 years
4. A thimbleful of a neutron star would weigh over 100 million tons
5. A typical hurricane produces the energy equivalent of 8,000 one megaton bombs



6. Blood sucking hookworms inhabit 700 million people worldwide
7. The highest speed ever achieved on a bicycle is 166.94 mph, by Fred Rompelberg
8. We can produce laser light a million times brighter than sunshine
9. 65% of those with autism are left handed
10. The combined length of the roots of a Finnish pine tree is over 30 miles