



HAPPENINGS @ SCHOOL



Students of SSA of class 6 have designed wonderful projects using the basic electrical circuit concepts- series and parallel circuits. In this one, class 6D made the model of a stadium where they have used the electrical concepts to design the flood lights. They have also used the 3D printers to design the small chairs in the stadium. Apart from the circuitry part, they have given the shape of the model in such a way that it fits well inside and gives a nice finish. They have used the discarded boxes as a recycle for the construction of their models and painted them using the fabric colors. It was a class project where all the students participated in its completion. The happy tinkering faces are worth sharing. One of the best projects has been shared below:



#The designed model of the stadium



#Happy faces, happy makers, happy tinkers!

Some amazing science facts:-

Antigravity Helium:

We all know that helium in its gaseous form is lighter than air – it fills our balloons and makes our voices squeak. Did you know that it has anti-gravitational properties when it's in liquid form too? Helium supercooled below 2.18K stops obeying the laws of gravity. It turns into a superfluid that can climb up the walls and out of its container. Supercooled helium is as close to a frictionless material as discovered so far.

Dance in the Rain:

We all try to eat a healthy diet and take supplements daily to make sure that we're getting all the vitamins and minerals we need to stay healthy. Instead of taking that Vitamin B12 supplement, why not just dance in the rain?

Rain is the last part of the water cycle – water falls, gets absorbed into the ground where it picks up natural vitamins and minerals, then is evaporated by heat and sunlight before it becomes rain again. Scientists have found that microorganisms in the air and on surfaces such as rooftops can create Vitamin B12 as a metabolic byproduct.

It might not be enough to supplement your diet or replace your vitamin pills, but do we need an excuse to get out and dance in the rain?

Radioactive Sunflower:

Sunflowers are beautiful. Their bright yellow flowers reach five feet or more in the air, and their seeds make some of the tastiest snack foods. These beautiful plants can, and are also being used to clean up radiation.

Sunflowers are known as hyper-accumulators in the science community. They take in high amounts of toxic chemicals or materials and store them in their tissues. These chemicals get stored in the stems and leaves of the plants. They grow so quickly that a field contaminated by radioactive material can get cleaned up in three to four years.

It might take a bit longer than traditional cleanup methods, but it is much easier to dispose of a field of sunflowers than it is to dig up and move contaminated soil.