



SCIENCE FUNFAIR

Air has many uses

But

Now let us a stick

An air-filled balloon

On a wall.

To stick

an air-filled balloon to a wall.

Material:

3 balloons.

A thread, 1 meter in length.

A woollen sweater or shawl.

Start Science- Fun Experiment :

Fill the balloon with air and tie a thread to it.

Now vigorously rub the balloon against a woollen shawl or sweater.

Take it near a wall and touch it against the wall.

Observe what happens...

The balloon sticks to the wall.

It stays on the wall for some time and then falls.



Stick balloons on different walls.

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The Science-Fun behind it....

When a rubber balloon is rubbed against a cotton, nylon or woollen surface, the electrons on these surfaces come onto the balloon's surface and the balloon becomes negatively charged.

If we take a charged balloon near a wall it sticks to the wall because opposite charges attract. After a while the electrons disperse into the air and the balloon falls off the wall.

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Science-Fun-Findings:

- After rubbing against which other surfaces will the balloon stick to a wall?
- If charged balloons are stuck side by side on a wall what will happen?
- Find out to what other surfaces charged balloons will stick.

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Rajiv Tambe
rajcopper@gmail.com