3Dux | Design

The Mars Space Station Challenge -2

Here's where things get a little sticky

Now think about what your table surface is like. Is it slick and shiny or rough and bumpy. See what happens when you change the surface under your structure.

You will notice that your station is more stable on a rough surface, that is because of friction., or the "stickiness" of the surface

Well blow me down.

Now lets try something else. Lets pretend you're actually working inside this space station on the top floor when a crazy strong wind storm hits the planet. It is so strong, you are sure that the station will get blown. You also realize that it would it would be better if your station move but not get knocked over and crash to the ground. How would you design the station differently and why? Go on and give it a try.

You will notice that when most of your surface area facing the fan is on the top of your station, your building is more likely to get knocked over. That's because the wind force is pushing the top of your building much more that the bottom.

Try staying on the right path

Now tuse what you learned from the last activity and redesign your station so that when the windstorm hits,

your station only twists to the right.

Show us What you got!

You did an awesome job! Now send us links to photos, description or youtube/vimeo video link to us ayana@3duxdesign.com. If we share, we'll send you a gift