

Getting Ready for the Right Stuff

In space, weightlessness makes working with vehicles and equipment very different than here on Earth. On Earth, gravity keeps everything on the ground and those things that are released to the air, fall to earth. However, in outer space, there is no gravity.

What do you think will happen if a space walker “drops” a wrench?

In what ways can you prevent unattached objects from getting lost in space?

As we explore more and more about space and space travel, it is important to build a space station. A space crane is a vital piece of equipment that will help space walkers assemble the pieces of the station. What should your space crane be able to do, if it is to be used to build a space station?

Create a draft design for your space crane, based on your ideas above.

