

G-FORCES WITH ARDUSAT

This year, one of our sponsors is providing you with The opportunity to make measurements in real time – riding on the Rocket!! ARDUSAT provides these interactive opportunities for students to get this hands on experience. Visit the ARDUSAT table by the Rocket sometime between 10:00 and 2:00 to put numbers to those feelings in the pit of your stomach!



For your chance to wear their gear, answer the following questions!

1. What is the size and weight of a cubesat satellite?



2. What is the acceleration of gravity?

Now that you have the answers to these questions, step up and strap in! Answer the question below when you get back from space for a chance to enter the ARDUSAT drawing!



3. What is maximum G force on the ride The Rocket? How does compare to the force astronauts experience in a launch to the International Space Station?

4. What is the minimum G force on The Rocket? How does this compare to the force USU Get Away Special students experienced during their experiments on the NASA Vomit Comet? (Talk to the GAS Team members in Davis Pavilion for more information!)

