Hello Students,

The following page is a list of questions that should be answered during the tour based on the information that is provided during the video. This page can be emailed or submitted to your teachers after the virtual tour has ended.

We want to assure you that all the questions are answered within the video, so please listen closely to find the answers!

If you have any questions following the video, please comment on our video and one of our team members will get back to you ASAP.

Link to the YouTube Channel where the videos will be posted:

<https://www.youtube.com/playlist?list=PLpKmwwdJTeNW-1Y3alrIIPJh5NtFuhRP0>

Put your answers with each question.

Episode 5: Astronaut Seat vs Racing Seat

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Why do the materials the seats are made from have to be lightweight?
2. What are the slots for in both the astronaut seat and the racing seat?
3. True/False: The Interia Reel lock and unlock mechanism allows the harnesses to move. Answer:
4. What is the kind of fabric that is added to the outside of a finished racing seat? Answer:
   1. CarbonX, a fireproof cloth
   2. Cotton
   3. Polyester
   4. Wool
5. True/False: A Florida Tech professor and NASA collaborated and discovered how to install fire retardant material on a molecular level during manufacturing. Answer: