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 2: Rocket Fuel vs Jet Fuel

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

1. The Space Shuttle external tank carries what kind of fuel? Answer:
   1. Gasoline
   2. Diesel
   3. Liquid Hydrogen and Liquid Oxygen
   4. All of the above
2. Why are the stripes on the solid rocket boosters different?
3. What are the 3 primary structures/tanks of the Space Shuttle external tank?
4. What pressure are the jet dragster fuel tanks pressurized too? Answer:
   1. 15 psi
   2. 50 psi
   3. 75 psi
   4. 150 psi
5. What kind of fuel does the LMS jet dragster use? Answer:
   1. Diesel
   2. Standard Grade Jet A Fuel
   3. Gasoline
   4. Liquid Hydrogen and Liquid Oxygen, just like the space shuttle
6. True/False: An internal baffle prevents sloshing in the jet dragster fuel tank and in the space shuttle fuel tanks. Answer: