



Exploring Space – Student Questions

1. I think travelling to other planets will be hard because.....
2. What will we need to stay healthy and happy on a 2 - 3 year trip to the planet Mars?
3. The hardest part of sending a crew to Mars may be providing enough food and air for the space travelers. How could we do this?
4. What do you think are some of the challenges we face in sending humans to Mars or to other planetary bodies that require long voyages?
5. Why are scientists suggesting that space crews grow crops on long-term space missions?
6. What do you already KNOW about the conditions on planet Mars? What do we NEED TO KNOW about the conditions on planet Mars?
7. How would farming be different on the surface of Mars compared to the surface of Earth?
8. Where would you look to find accurate and reliable information about growing food on Mars?
9. Look ahead 20 years. The trip to Mars is now getting ready and crew members are being hired for the two to three year trip.
 - 9.1 If you were hiring these space travelers, what would you be looking for in a good candidate?
 - 9.2 If you consider yourself to be a candidate as a “space traveller” in the future, what subjects will you need to excel in at school?
 - 9.3 What other “jobs” might there be as well as astronauts that would be beneficial to the journey to other planets?
 - 9.4 How would a career in agriculture be helpful to becoming an astronaut in the future?
10. How are the characteristics you are looking for in question #9.1 be the same and/or different from just a regular good job on Earth?