

Think about and be ready to discuss these questions. You do not need to do any research:

1. How do the protons in an atom's nucleus stay so close together if they are both positively charged?
2. Why don't you fall through the floor? Or at least melt or combine into it?
3. Why does hitting the bottom of an upside down ketchup bottle move the ketchup to the opening of the bottle?
4. Why didn't the Apollo 11 rocket need to burn fuel all the way to the moon?