

## Galley Game

In this activity, you and your child will think about the food that astronauts eat in space and determine the correct answers to the questions.

### What You Need:

- ✦ Questions and answers on cardstock
- ✦ Pencils or crayons
- ✦ Toothpicks for dehydrated ice cream
- ✦ Samples of space food
- ✦ Slice of bread
- ✦ Tortilla
- ✦ Glass of water
- ✦ Drink pouch (sample of drink pouch from ISS or Capri-Sun pouch)
- ✦ Dehydrated ice cream
- ✦ Ice cream (use mashed potatoes for the ice cream – it won't melt!)
- ✦ Powdered milk
- ✦ Plate or bowl to put food in or on



### What to Do:

- ✦ Copy the 6 questions below onto cardstock
- ✦ Copy the Parent Answers sheet on the back of the cardstock
- ✦ Break up the dehydrated ice cream
- ✦ Place food samples on table for children to see
- ✦ Give the children the questions and have them look at the food samples to answer the questions.



*So, you think you know food in space? Let's see!*

1. **Why might astronauts eat tortillas instead of bread?**
  - A. Tex-Mex food tastes better
  - B. Tortillas make great space Frisbees
  - C. Tortillas don't crumble
  
2. **Most space food is dried - dehydrated - and is sealed in packages. What must be added to make it ready to eat?**
  - A. Kool-aid
  - B. Water
  - C. A McDonald's hamburger and French fries
  
3. **Why shouldn't you have an open glass of water on the Space Station?**
  - A. Someone might spill it
  - B. In microgravity the water will float out and get into equipment
  - C. Space ducks like to swim in open glasses of water – and you do not want to attract space ducks
  
4. **What is one reason astronauts attach drink bags to their suits?**
  - A. So that they can drink upside down
  - B. So that they can work and still drink without using their hands (how cool is this?!)
  - C. Because astronauts are very forgetful and would misplace their drinks otherwise
  
5. **Why are some space foods – like ice cream – dried?**
  - A. Astronauts do not know that fresh ice cream tastes better
  - B. Regular ice cream takes up space and energy to stay frozen and it would melt and be a floating mess!
  - C. Because the ice cream has been on the Space Station soooooo long it has dried out!
  
6. **Why might astronauts drink powdered milk?**
  - A. Astronauts *like* powdered milk!
  - B. Because their mothers tell them to – and mom knows best!
  - C. It weighs less, takes up less space, and does not spoil like fresh milk

### *Goodies in Space*

*Astronauts get to take their own goodie bag – a few special things they like to eat. What would be in your goodie bag? Remember, what you take as to fit into a small area, can't spoil, and can't cause a mess*

*Parent Answers*  
*To Help You Impress Your Child With Your Knowledge!*

1. Why might astronauts eat tortillas instead of bread?
    - A. Tex-Mex food tastes better
    - B. Tortillas make great space Frisbees
    - C. Tortillas don't crumble - Tortillas make far fewer crumbs than bread. Bread crumbs are bad because they can potentially float around and get stuck in filters or computers or an astronaut's eye.**
  
  2. Most space food is dried - dehydrated - and is sealed in packages. What must be added to make it ready to eat?
    - A. Kool-aid
    - B. Water**
    - C. A McDonald's hamburger and French fries
  
  3. Why shouldn't you have an open glass of water on the Space Station?
    - A. Someone might spill it
    - B. In microgravity the water will float out and get into equipment**
    - C. Space ducks like to swim in open glasses of water – and you do not want to attract space ducks
  
  4. What is one reason astronauts attach drink bags to their suits?
    - A. So that they can drink upside down
    - B. So that they can work and still drink without using their hands (how cool is this?!)**
    - C. Because astronauts are very forgetful and would misplace their drinks otherwise
  
  5. Taste the freeze dried ice cream. Yum! **Which do you like more – “space ice cream” or what you get at home? Why?**
- Why are some space foods – like ice cream – dried?
- A. Astronauts do not know that fresh ice cream tastes better
  - B. Regular ice cream takes up space and energy to stay frozen and it would melt and be a floating mess!**
  - C. Because the ice cream has been on the Space Station soooooo long it has dried out!
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