



## Recreation System

Brainstorm and write your answers in your Mission Journal

1. What value does entertainment have? What do you do for entertainment? What value does physical activity (exercise and sports) have? What do you do for physical activity? Brainstorm other forms of entertainment/physical activity people engage in.
2. Review your list in #1. What activities require you to consider the physical environment? What features of the environment does each of these forms of entertainment depend upon?
3. What value do you think entertainment and physical activity would have on Mars? (Would the Mars colony inhabitants there need entertainment and physical activity?)
4. Research Mars facts. Which of the recreation activities on your list do you think would be possible (or practical) on Mars? Popular with the Mars colony inhabitants? Remembering that Mars has features different from those of Earth, what might be applied to developing new forms of recreation?

Identify four "Mars Facts" that impact the design of a Recreation System and write them in your Mission Journal.

5. Design a Recreation System for the Mars colony inhabitants, which satisfies any special recreational needs you think they will have and include some new forms of recreation based on the "Mars Facts" you have learned from your research. Sketch a blueprint of your design in your Mission Journal and include labels explaining how it will work.

