



## Recreation System

Brainstorm and write your answers on a separate sheet of paper.

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 and write down four “Mars Facts” that impact the design of a Recreation System.

- 1.
- 2.
- 3.
- 4.

5. Design a Recreation System for the Mars colony inhabitants, which satisfy any special recreational needs you think they will have and include some new forms of recreation based on the “Mars Facts” chart. You may want to sketch a blueprint showing how your design will look and how it will work.

