

WATER WISE WATER WAYS

Objective

Upon completion of this activity, students will be able to:

- describe how he/she uses water.
- Note how he/she consumes a quart of water (optional).

Instructional Time

45 minutes–24 hours

Materials

“Water Wise Water Ways” Student Worksheet

Quart of water for each student (optional)

Pencils/Pen

Procedure

1. Distribute the class activity sheet.
2. Read the introduction and discuss.
3. Have students complete their lists quietly and then compare with partners. When their lists are complete, share some with the class. Don't forget pets!
4. Have students do the bottom part of the lesson throughout the day. They may continue their journals on the back.
5. For extra excitement, provide a quart of water to every student. This is the water they will drink, paint with, clean their desks with, etc. How far did it go?
6. The big question is the last question. Try to bring the class to a consensus on how much water the colony should ration to each human member of the group. Are there water uses that could be reduced?

Student Name _____ Date _____

WATER WISE WATER WAYS

DIRECTIONS. Complete the following worksheet.

You know that water is important to human life. If humans are to live on Mars, water will have to be a part of the colony. How important is the water? List all the ways you have used water so far today.

Now stretch your brain and list the ways that you used water last weekend. Pretty big list, huh?

Now comes the tough part. Keep a water journal (on the back of this worksheet) for today. Write down every time you use water. Guess about how much you use and what you used it for. Toilets vary, but they usually take about two gallons to flush. If you plan to take a bath or shower, be prepared to measure your water! (Have an adult help you estimate.) Good luck!

When you have all your data, be prepared to advise your commander on how much water a colonist should be allowed each day.