

The Game of Pipes Rules

How to Play

1. Select a game piece and begin at "Start."
2. Each player starts with 500 gallons of water. (Your teacher may adjust this.)
3. Roll the die and move the designated number of spaces.
4. Using the number in the space, refer to your action list to determine how many of gallons of water to add or subtract and which move to make next
5. Pass the die to the next player

How to Win:

Be the first to make it to Beaver Creek Wastewater Treatment Plant.

- Or --

Have the most gallons of water left at the end of the game.

The Game of Pipes Action List

1. You ran the faucet to get one glass of water. Subtract 3 gallons and move backward one space
2. You bought a pitcher for drinking water. Add 3 gallons and move forward one space
3. You defrosted food under running water. Subtract 5 gallons and move backward 2 spaces
4. You defrosted food in the refrigerator instead of the sink. Add 5 gallons and move forward 2 spaces
5. You took a 5 minute shower! Add 20 gallons and move forward 3 spaces.
6. You took a very long shower this morning. Subtract 20 gallons and move backward 3 spaces.
7. Your family installed a low-flow shower head. Add 20 gallons and move forward 3 spaces.
8. You washed a full load of dishes in the dishwasher. Add 10 gallons and move forward 2 spaces.
9. You left the water running while washing dishes. Subtract 15 gallons and move backward 3 spaces.
10. You washed the dishes without leaving the water running. Add 15 gallons and move forward 3 spaces.
11. You scraped the extra food off your plate instead of rinsing it in the sink. Add 5 gallons and move forward 1 space.
12. You watered your lawn during the cool part of the day. Add 30 gallons and move forward 5 spaces.
13. You watered your lawn during the hottest part of the day. Subtract 30 gallons and move backward 5 spaces.
14. You added mulch around the plants in your yard. Add 20 gallons and move 3 spaces.
15. Your sprinklers are pointing the wrong way. They spray water on the sidewalk and your house. Subtract 25 gallons and move backward 3 spaces.
16. Your watering hose has a leak! Subtract 10 gallons and move backward 1 space.
17. You brushed your teeth without leaving the water running. Add 15 gallons and move forward 1 space.
18. You left the water running while brushing your teeth. Subtract 15 gallons and move backward 1 space.
19. You washed your car using a bucket of water with the hose off. Add 25 gallons and move forward 4 spaces.
20. You left the hose running while washing your car. Subtract 25 gallons and move backward 4 spaces.
21. You did not wash a full load of laundry today. Subtract 20 gallons and move backward 2 spaces.
22. You washed a full load of laundry in cold water today. Add 20 gallons and move forward 3 spaces.
23. Your family purchased an EnergyStar washing machine. Add 20 gallons and move forward 5 spaces.
24. There is a leak in your kitchen. Subtract 25 gallons and move backward 2 spaces.
25. There is a leak in your bathroom. Subtract 25 gallons and move backward 2 spaces.
26. You did not turn off the faucet tightly after washing your hands—it is now dripping water. Subtract 10 gallons and move backward 1 space.
27. Your family installed an aerator on your bathroom sink. Add 30 gallons and move forward 3 spaces.
28. You cleaned off your driveway using a broom. Add 20 gallons and move forward 2 spaces.
29. You used the water hose to clean off your driveway. Subtract 20 gallons and move backward 2 spaces.
30. You bought a reusable water bottle so that you do not waste any drinking water throughout the day. Add 1 gallon and move forward 1 space.

Pumping Stations—Remain in that space and lose your next turn.