

## Game of Pipes

*Adapted from “The Game of Pipes” by DCWater.com*

Grade Levels: 6-9<sup>th</sup>

Time: 30-45 minutes

### Activity

This mathematic activity allows students to wander through a maze of pipes as a water-related piece. Each game contains a water use practice that either wastes or conserves water, adding or subtracting to their initial 500 gallons of water. The winner is either the first student to reach Blue Plains or the one with the most water remaining at the end of the time allotted for play.

### Objective

Identify human activities that waste and conserve water.

### Materials

Game board

Calculation page

Game pieces

Scissor

One die per group

### Procedure

1. Walk through brief PowerPoint and go over directions with the students.
2. Pass out the game board, pieces, and dice.
3. Have the students play the game for as long as you'd like.
4. Ask the students the follow-up question and discuss the important work that takes place at Hallsdale-Powell Utility District.
5. Show the video at the end of the PowerPoint (you may need to discuss with your students what “potable” means, potable: water that is safe to drink).

Link: <https://www.youtube.com/watch?v=zNdbj3PbX6o>

### Extension

English – Have students create a comic strip or write a short story on water conservation.

Social Studies – Have students research water conservation issues around the world.