

Game of Pipes

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

Grade Levels: K-5

Time: 30-45 minutes

Activity: Students wander through a maze of pipes. Each game includes a water-use practice that either wastes or conserves water, adding or subtracting their water pieces. The winner is either the first student to reach the Beaver Creek Wastewater Treatment Plant or the one with the most water droplets remaining at the end of the time allotted for play.

Objective: Identify human activities that waste and conserve water.

Materials:

Game board

Game pieces

One die per group

Procedure:

1. Walk through 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 ([The Basics of Freshwater: Crash Course Kids 14.1](#)). Video is 4:16.

Extension

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

Social Studies – Have students research water conservation issues worldwide.