

# Make It Rain

## Description:

"Make It Rain" is an experiment showing the difference between a dirty atmosphere and a clean atmosphere. The food coloring will be the rain, and the shaving cream will be the clouds. The food coloring will react differently when being placed through the clouds depending if the water is clean or dirty.

## Ingredients:

Two clear plastic cups (12oz-16oz)  
Shaving cream  
Food coloring  
Black paint  
Small paint brush

## Directions:

Fill the first plastic cup with water. Spray a layer of shaving cream on the top of the water in the plastic cup. Drop five drops of food coloring on top of the shaving cream in the plastic cup. Observe the food coloring to see what it does in the shaving cream and water. Fill the second plastic cup with water. Place the black paint into the water and stir to make the water look grey. Spray a layer of shaving cream on the top of the water in the plastic cup. Drop five drops of food coloring on top of the shaving cream in the cup. Observe to see the difference between the clean water in the first cup and the dirty water in the second cup.



## National Standards for Science

Grades K-4 Standard C - There is various types of pollution for example air, water, and land pollution. Pollution is the release of contaminants into the environment. This can be used if speaking about how pollution can affect the rain and clouds.