

Sample Children's Water Festival Presentation Outline

“WACKY WATERSHED”

-Date-

Sample Children's Water Festival Presentation Outline
Dave Neiman, SWP Specialist - MRWA

Watershed Concepts

- **Discuss General Watershed Concepts**
 - Hydrologic Cycle
 - Land Forms
 - Runoff
 - Drainage to a low area or basin
 - Rivers/streams
 - Low lands
 - Groundwater
 - Maps of Their Lake Watershed
 - Road Map
 - Topo Map
 - Aerial Photo

- **Construct A Watershed**

Divide group into smaller groups and have each group construct a watershed (country) from aluminum foil. Discuss & demonstrate highlands, lowlands, plains, valleys, drainages & basins.

- **Watershed Pollution**
 - Discuss Point & Nonpoint pollution
 - Discuss/demonstrate runoff using watershed models, using water droppers, food coloring, chocolate powder & pepper to show pollution into basin (Their Lake).
 - Discuss pollution prevention in Their Lake Watershed

“What’s in Their Lake?”

You will need:

- a small kids pool = representing Their Lake at the Richmond Park
- small zip-lock snack baggies (10 for each pollutant below)
- labels for baggies marked: oil, doo-doo, grass, sand, dirt, manure, fertilizer and others you wish
- fill baggies 1/4 full with:
 1. liquid chocolate= oil
 2. moist dog biscuits = doo-doo
 3. grass
 4. sand
 5. dirt
 6. fertilizer (or grass seed)

Sample Children's Water Festival Presentation Outline

To set it up:

Use a kid's swimming pool and place it 100-200 feet away from where the game will start (the further away the better, this is the "lake"). In between the pool and the starting position, distribute the bags of pollutants randomly.

To play:

Gather all kids around the starting line. Tell them they will begin as water molecules in the air. They will start coming together, tighter and tighter creating a rain cloud (this is when they are suppose to make loud thundering noises). Then, when you say rain, they are to run as fast as they can to the "lake" picking up pollutants on their way there and throwing them in.

After the pollutants are picked up, gather everyone around the pool and tell stories on how the pollutants arrived in the lake. This is where it's fun to use a kids name and make up a story about them.

End with ways they can help keep the waters of rivers and lakes clean.

NEED FOR DISCUSSION SESSION:

Maps of Thein Lake

Road Map

Topo Map

Aerial Map

Aluminum Foil

Water Droppers

Food Coloring

Chocolate Powder

Pepper

NEED FOR GAME SESSION:

Kid's Swimming Pool

Zip-lock Baggies (50-60)

Labels for Baggies

Liquid Chocolate

Moist Dog Biscuits

Grass

Sand

Dirt