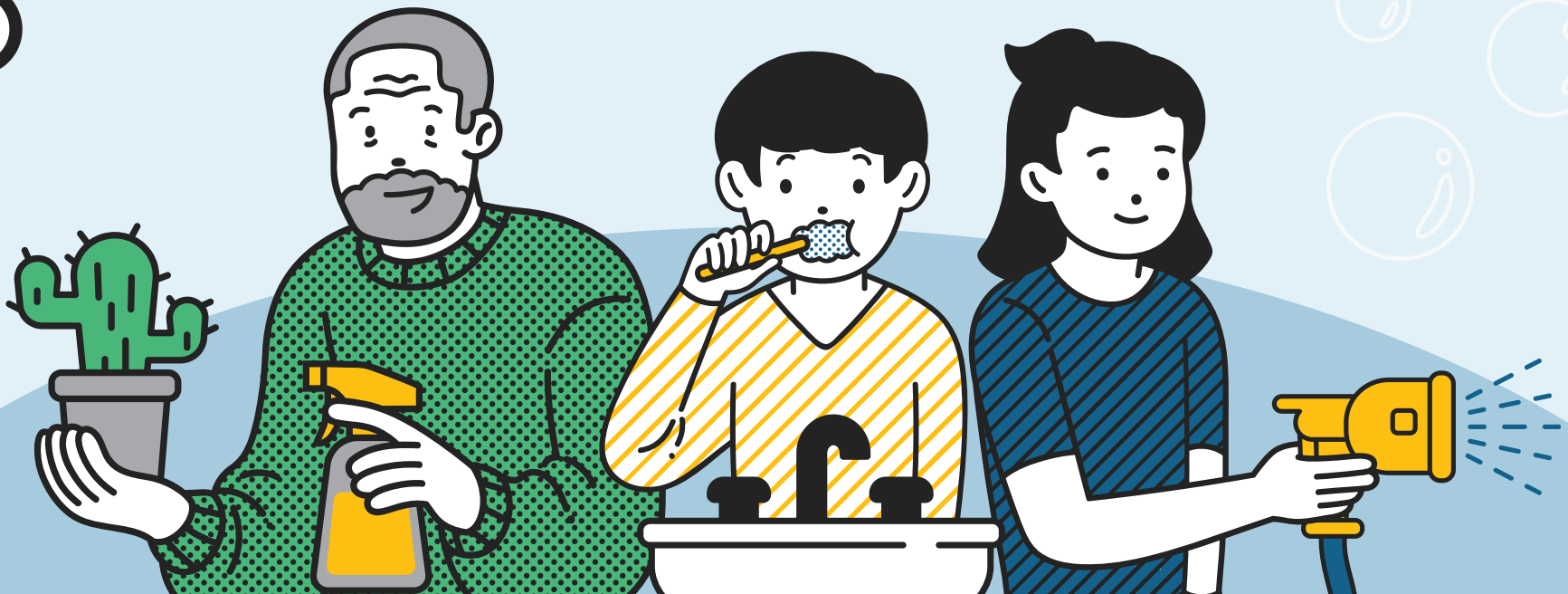


CODES

YOUTH EDUCATION & WATER CONSERVATION



OUR MISSION



Educate the youth about good water practices, ultimately influencing the new generation to incorporate water conservation into their everyday lives.

ACTION PLAN



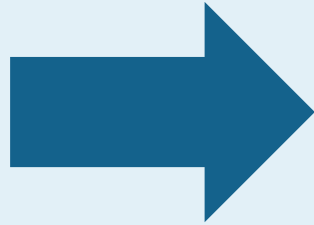
Host a water fair at JJK Academy

Develop a Water Fair Toolkit

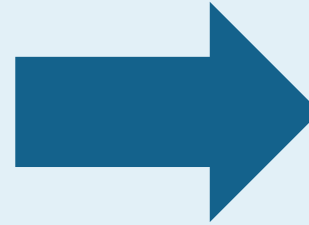
Interview local organizations

DIRT DETECTIVE

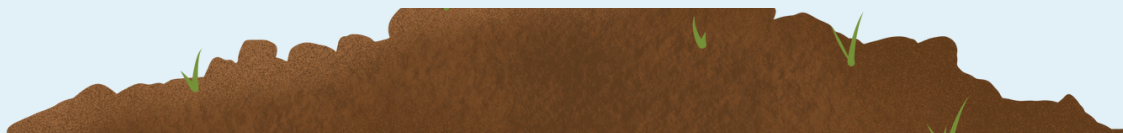
Researching
Lesson Plans



Annotated
Bibliography



Final Lesson
Plan



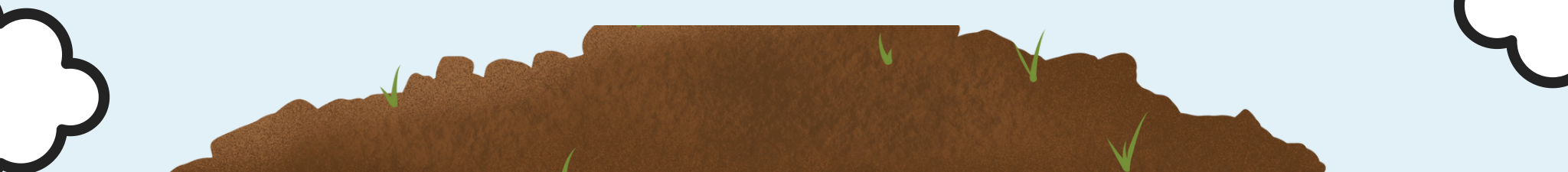
DIRT DETECTIVE

Purpose

- Educate students on basic water conservation knowledge
- Promoting involvement in gardens
- Producing an Interactive Lesson Plan

Lesson Debrief

- Students were engaged
- Promoted teamwork and group thinking
- Students enjoyed feeling different types of soil



RUN OFF WITH WATER KNOWLEDGE



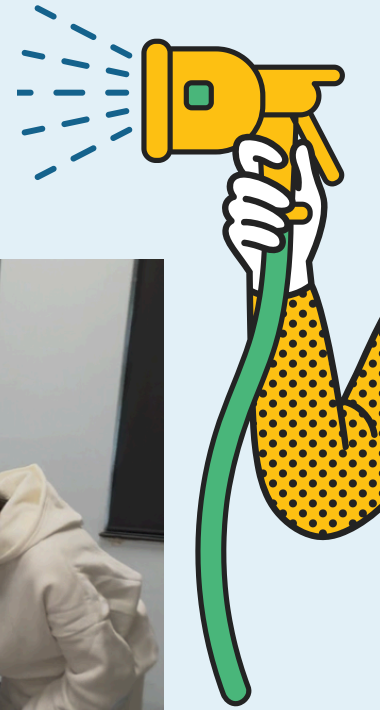
Finding the Perfect Lesson

Purpose

- Goal
- Obstacles
- Infiltration and Run-off
- Pollutants in the water system can effect the ecosystem



RUN OFF WITH WATER KNOWLEDGE



Key Takeaways

Pros/Cons

THE MAGIC OF WATER FILTRATION

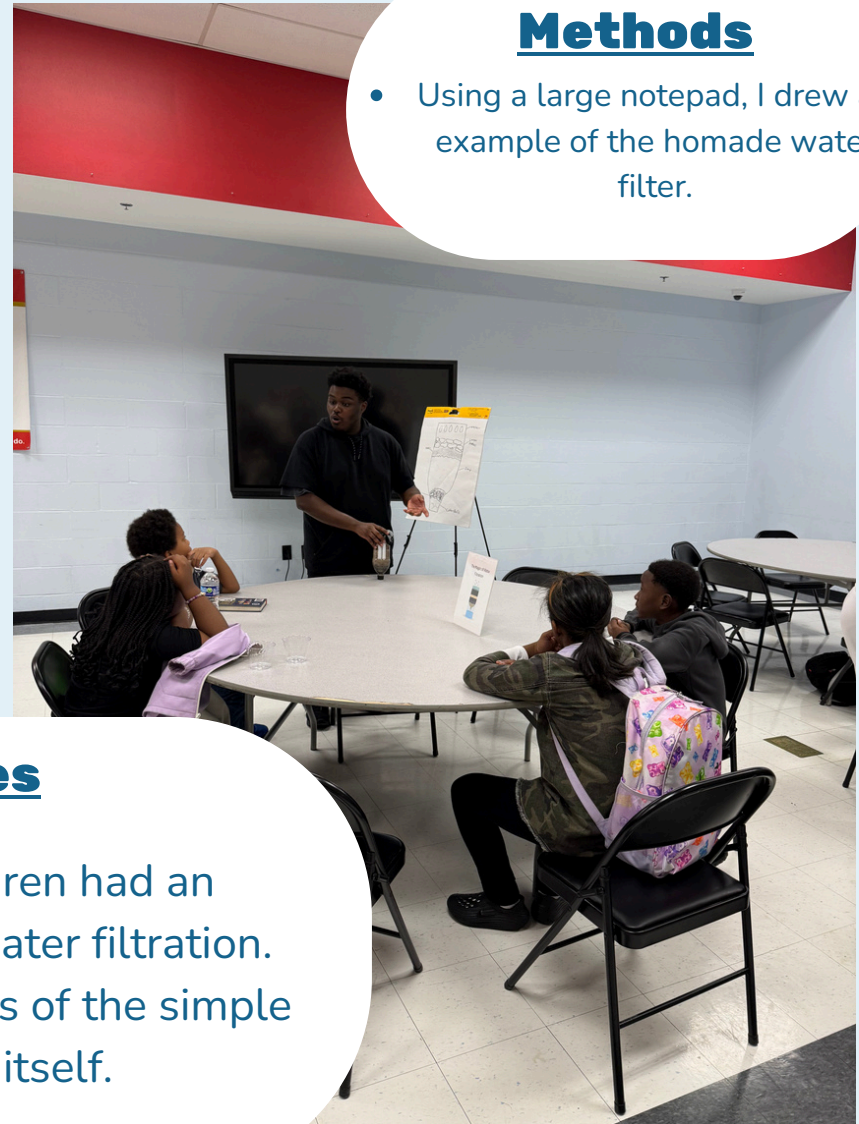
Purpose

- Teaching the Value of Clean water.
- Introducing a fun and easy activity.
- How to comprehend what is being taught.



Methods

- Using a large notepad, I drew an example of the homemade water filter.



Outcomes

- Most of the children had an understanding of water filtration.
- Drew out the aspects of the simple water filter itself.

WATER WORD WONDERS

Learning the terms



Interaction with kids



Matching Game

HYDROPOWER



Is a renewable energy source that generates electricity from moving water

NON-POTABLE



Is water that is not safe for drinking and may contain harmful contamination

RUNOFF

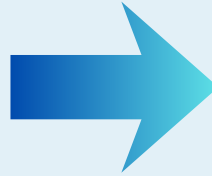


Is when water flows over the ground instead of soaking into the soil



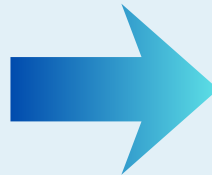
WATER WORD WONDERS

Collect data from lessons



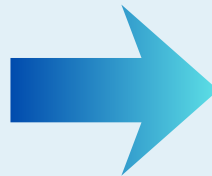
Look into different approaches to teaching water conservation that are fun and interactive

Do some brainstorming



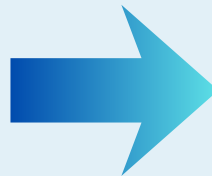
View all the ways to teach and see what I can do that's different

Inspired to make my own educational game



Start the construction of my matching game

Made the game and tried it out with kids



WATER FAIR TOOLKIT

Miss Martinez



Topics

- ☐ Outline
- ☐ CODE 221 Water Fair
- ☐ Logistics
- ☐ Water Equity
- ☐ Water Conservation
- ☐ Water Filtration
- ☐ Community Gardens
- ☐ Flooding

Project Format



Overview

Materials

Instructions

Photos

An aerial photograph of a park area situated along a wide river. In the foreground, there's a paved road with several cars. The park features green spaces, trees, and a large, circular, stone-walled structure. Inside this structure, there's a building under construction with a visible steel framework. A tall, red and white lattice tower stands prominently in the middle ground. The river flows through the background, with a forested shoreline on the opposite bank. The sky is clear and blue.

Purpose:

Address the lack of education students receive regarding water sustainability

Methods:

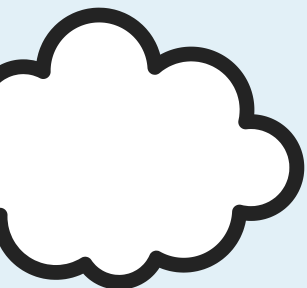
1 on 1
interviews
Qualitative
Study

Impact

Our project at JJK helped K-8 students retain water sustainability practices

What did we find?

Local organizations are a vital part of our community



WATER FAIR REFLECTION

