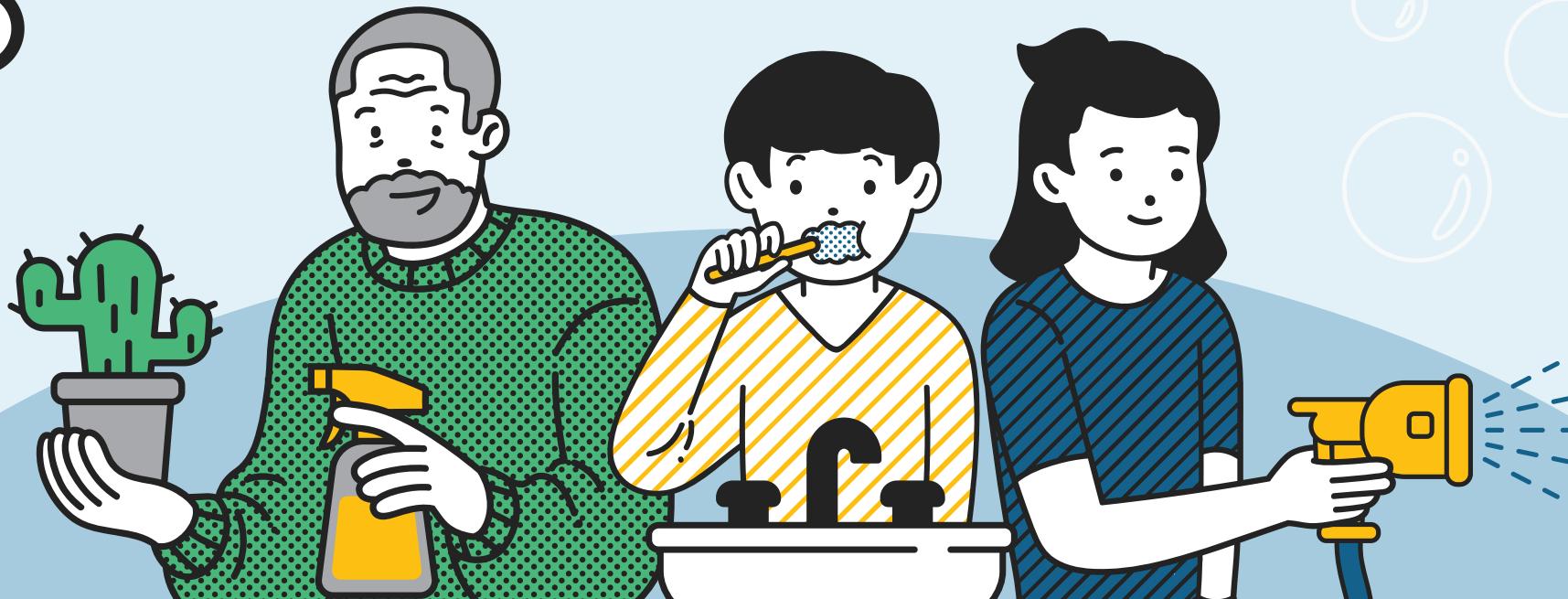


CODES

# 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



JJK FOUNDATION

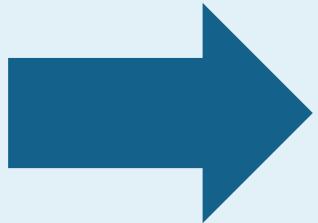
Host a water fair at JJK Academy

Develop a Water Fair Toolkit

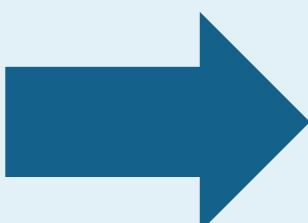
Interview local organizations

# DIRT DETECTIVE

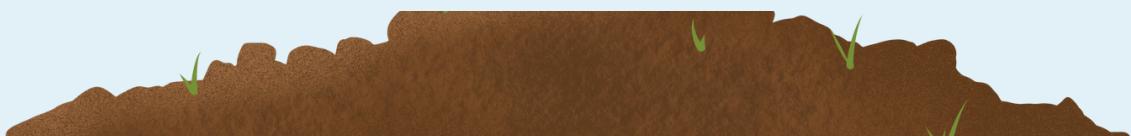
Researching  
Lesson Plans



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



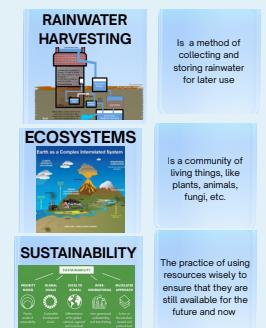
View all the ways to teach and see what I can do that's different

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

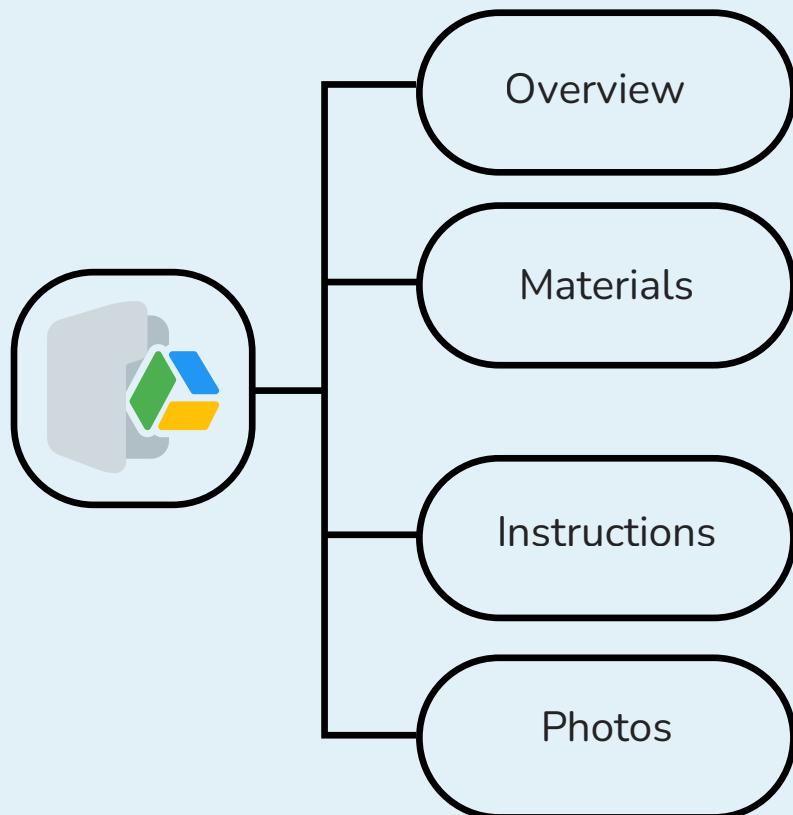
Miss Martinez



## Topics

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

## Project Format





### 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

