



# WATER RECYCLING ELEMENTARY PROJECT

**Category: Living Green**

**Approximate Cost: \$25-50 for craft supplies**

## Desired Results

***Project Goal: To teach small groups of elementary students the basics about water and how to conserve water***

| UNDERSTANDINGS   | ESSENTIAL QUESTIONS   |
|--|---|
| <p><i>Students will understand...</i></p> <p><i>The necessity of public perception for effective change.</i></p> <p><i>The unique properties of water that allow it to be so useful.</i></p> <p><i>The word choice needed to effectively explain complex topics to elementary students</i></p> | <p>What is water?</p> <p>Why is water important?</p> <p>How is water used?</p> <p>Where does the water we use come from?</p> <p>How is water polluted?</p> <p>How is water wasted?</p> <p>How can water be conserved?</p> |

## Knowledge and Skills Acquisition

*Students will know...*

*How to communicate in a professional manner.*

The basics of water.

The uses and costs of water reduction practices.

*Students will be skilled at...*

Speaking in front of large groups.

Multimedia presentations to control attention spans of younger audiences.

Disseminating technical information to younger audiences

## Data

### Impact Evidence

Qualitative (observations and descriptive data):

Short pre-quiz survey for classes before presentation compared to post presentation surveys

Overall elementary teacher satisfaction survey

Quantitative (numerical data):

Number of students presented to:

Number of adults presented to:

## Timeline

*For Groups Meeting Once or Twice a Week. This is easily adaptable.*

*Week one: Obtain permission from all administration and teachers involved. Break presentation into sections for individuals or small groups to work on.*

*Week two: Work on sections. Create craft idea*

*Week three: Continue on section work. Reach out to media with information*

*Week four: Practice presentation within group. Edit and change*

*Week five: Final preparations and editing. Practice with technology. Get permission slips filled. Send elementary pre-surveys*

*Week six: Do presentation. Send post-surveys. Tally results*

## Process

*Decide on basic topic(s) to be covered*

*Check with building administration for permission for field trip (presentation)*

*Check with elementary administration for permission for presentation*

*Survey elementary teachers for interest and topic clarification*

*Break presentation into sections: Introduction, main point(s), game/movement/craft, closing. Overall editing and cohesiveness.*

*Let local media know about project and dates for coverage*

*Research sections*

*Compile information*

*Create craft*

*Practice!!*

*Present information*

## Resources and Other Tips

*Sample presentation:*

[https://docs.google.com/presentation/d/1f5roEIXxKsrQbMSaEJ1yTKMXPRmqSFfWhRH3ygzaD4/edit#slide=id.g19475cc12a\\_0\\_2](https://docs.google.com/presentation/d/1f5roEIXxKsrQbMSaEJ1yTKMXPRmqSFfWhRH3ygzaD4/edit#slide=id.g19475cc12a_0_2)

*YES! presentation at fall summit*

<https://drive.google.com/file/d/0B3R5q46Ode1IWTIFVFVrVFhWNms/view>

*TIPS- practice!! Focus on movement and volume of presenters. Limit questions to elementary crowd or be ready for lots and varied responses. Practice craft/ or game. If game, decide if winners will be awarded and prepare for hurt feelings.*

*Be careful of copyright laws.*