**INTRODUCTION**

Students and their parents should locate their wastewater glove box treatment facility, and what type of treatment the specific facility receives water from. The activities and investigation glove box are designed to demonstrate how water treatment plants treat water and how it is treated at the treatment plant.卵の水が取水几ליתat in the field and how the treatment plant processes the water.卵の水が取水几литat in the field and how the treatment plant processes the water.卵の水が取水几ilitat in the field and how the treatment plant processes the water.卵の水が取水几ilitat in the field and how the treatment plant processes the water.

**ACTIVITY**

- **OBJECTIVE**
  - To determine what happens to wastewater and the importance of treatment facilities in a community.

- **MATERIALS NEEDED**
  - Used pipes of various sizes, approximately 6 to 8 inches long.
  - Two pieces of wood, each at least 6 inches long.
  - Paintbrush, small.
  - Cardboard box, small.
  - Colorful paper, small.

- **TEACHER'S PREPARATION**
  - Prepare a copy of this poster for the class.
  - Set up materials for the activity as shown in the following diagram.

- **PROCEDURE**
  1. Begin with a general overview of the importance of wastewater treatment. Using the poster, have the teacher explain the various parts of the wastewater glove box treatment facility. This will include the following sections: 'Intake', 'Waste Management', 'Wastewater Treatment', 'Effluent', 'Reception and Distribution', and 'Environmental Impact'.
  2. Discuss the importance of wastewater treatment facilities in society. Explain how the treatment process works, from intake to effluent. Highlight the significance of each section in the glove box treatment facility and the role it plays in maintaining the health of the environment.

- **INTERPRETIVE QUESTIONS**
  - What is the difference between an intake facility and a treatment facility?
  - What are the main components of a wastewater glove box treatment facility?
  - How do these facilities contribute to the overall health of the environment?

- **EXPECTATIONS**
  - Students will be able to identify and describe the main components of a wastewater glove box treatment facility.
  - They will understand the importance of proper wastewater management and treatment facilities in maintaining a healthy environment.

**DEFINITIONS**

- **Treatment**
  - A method used to remove or reduce contaminants from water.
  - A method used to remove or reduce contaminants from water.
  - A method used to remove or reduce contaminants from water.

- **Wastewater**
  - Waste that is produced by industries and households, and is discharged into water bodies.
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**ORDERING INFORMATION**

- **Paper Specifications**
  - 220 gsm paper with a gloss finish
  - 220 gsm paper with a gloss finish
  - 220 gsm paper with a gloss finish

- **ACKNOWLEDGMENTS**
  - The developers of the poster series contributed to the development of the poster.

- **PROJECT MANAGER**

- **U.S. ENVIRONMENTAL PROTECTION AGENCY**
  - For more information, please visit our website: [www.epa.gov](http://www.epa.gov)

- **U.S. GEOLOGICAL SURVEY**
  - For more information, please visit our website: [www.usgs.gov](http://www.usgs.gov)

**GRADE SCHOOL**

- 4th to 8th grade

**OCEANS**

- Water resources, including oceans and glaciers, are an integral part of the Earth's systems. The ocean is the largest body of water on the planet, covering approximately 71% of the Earth's surface. Water is essential for all life on Earth, and understanding its role is crucial for maintaining a healthy planet. This section includes information on oceanography, marine biology, and the impact of human activities on the ocean. A variety of activities and projects are included to help students explore the wonders of the ocean and its importance to our planet. This section includes information on oceanography, marine biology, and the impact of human activities on the ocean. A variety of activities and projects are included to help students explore the wonders of the ocean and its importance to our planet.

**WETLANDS**

- Wetlands are ecosystems that are crucial for the balance of our planet. They provide a range of environmental benefits, including water filtration, flood control, and habitat for a variety of species. This section includes information on the importance of wetlands, how they function, and how they can be protected. A variety of activities and projects are included to help students learn about the role of wetlands in our environment and the steps we can take to preserve them.

**WATER USE**

- Water is a precious resource that is essential for all life on Earth. It is used for drinking, agriculture, industry, and a variety of other purposes. This section includes information on water usage, the importance of conserving water, and strategies for reducing water waste. A variety of activities and projects are included to help students understand the importance of responsible water use and the role they can play in conserving this vital resource.

**WASTEWATER TREATMENT**

- Wastewater treatment is a critical process for ensuring the cleanliness of our waterways and protecting public health. This section includes information on the different types of wastewater treatment facilities, the process by which wastewater is treated, and the importance of this process. A variety of activities and projects are included to help students learn about the role of wastewater treatment in maintaining a healthy environment and the steps we can take to support this critical process.