

Objective

By the end of this lesson, you will learn how hand dryers work and their benefits compared to paper towels.

Materials and Prep

- Computer with internet access
- Paper and pencil for notes
- Curiosity and enthusiasm!

Activities

- **Research Time:** Use the computer to research different types of hand dryers and their features.
- **Comparison Chart:** Create a chart comparing the pros and cons of hand dryers versus paper towels.
- **DIY Experiment:** Conduct a simple experiment to compare the drying speed of a hand dryer and a paper towel.

Talking Points

- **How do hand dryers work?**
"Hand dryers use high-speed air to blow water off your hands, leaving them dry in a few seconds."
- **Benefits of hand dryers:**
"Hand dryers are eco-friendly because they reduce paper waste and are cost-effective in the long run."
- **Comparison to paper towels:**
"Paper towels can be wasteful and harmful to the environment, while hand dryers are a more sustainable option."
- **Types of hand dryers:**
"There are different types of hand dryers, such as jet air dryers and warm air dryers, each with its own benefits."
- **Maintenance of hand dryers:**
"Regular cleaning and maintenance of hand dryers are important to ensure they work effectively and hygienically."