

GREEN INITIATIVE

Electric Hand Dryers v. Paper Towels at Central
Middle School

Presentation to the Licking Heights Board of
Education

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Student Learning Connections

- ▣ Science
 - Environmental Issues
- ▣ Social Studies
 - Long Term Social Impact
- ▣ Reading and Language Arts
 - Enhance Research Skills
- ▣ Math
 - Statistics

Hand Dryers

Benefits

- ❑ Pays for themselves after two years and saves money thereafter.
- ❑ Saves trees.
- ❑ Decreases pollution.
- ❑ Limits bacteria and germs spread.
- ❑ Keeps trash level low.
- ❑ Helps qualify as a LEED certified school.

Paper Towels

Drawbacks

- ❑ Central Middle School spends approximately \$5,600 on paper towels annually.
- ❑ Constant replacement is needed.
- ❑ More time spent on maintenance.
- ❑ More chance of vandalism.
- ❑ Daily trash pick up.
- ❑ Environmentally detrimental.

Overview

HAND DRYERS

- ▣ Studies show a significant reduction in sickness at schools.
- ▣ 95% minimum cost savings.
- ▣ We won't have to pay companies to keep coming to pick up our trash everyday.

PAPER TOWELS

- ▣ 1 ton of paper uses:
- ▣ 7,000 gallons of water.
- ▣ 17 full grown trees.
- ▣ 464 gallons of oil.
- ▣ 3 yards of landfill space.
- ▣ Constantly need to be replaced.

Next Steps

- ❑ Meet with maintenance staff for electricity/power study.
- ❑ Address safety concerns.
- ❑ Study other school and business hand dryer models.
- ❑ Prepare presentation of dryer model options.
- ❑ Report back to Board of Education at May 2013 Meeting.