



# The Human Footprint

Name \_\_\_\_\_

Homeroom Teacher \_\_\_\_\_

**Discovery Lab Science Notebook**



# The Human Footprint

## Fun Facts

Date:

Date:

Date:

Date:



# The Human Footprint

## Journal

Date:

Date:

Date:

Date:

## Laptop Lessons

### Human Footprint Atlas

1. Fill in the following blanks:

Over an average lifetime, each American will...

Burn \_\_\_\_\_ gallons of gasoline

Read \_\_\_\_\_ newspapers = 43 trees

Discard \_\_\_\_\_ tons of garbage

Use \_\_\_\_\_ million gallons of water

Eat \_\_\_\_\_ hamburger buns

Use \_\_\_\_\_ diapers



Using the map:

1. What areas are the most influenced by humans?
2. What areas are the least influenced by humans?

### Perils of Plastic

1. What is the Great Pacific Garbage Patch?
2. What factors combine to form this massive collection of garbage?

### Bobbie Big Foot

1. What was your ecological footprint score?
2. What was one thing you learned that you did not know before?

### Global Footprints

1. What was your score from the questions on How Big is Your Footprint?

## How Dirty is the Air We Breathe?

<b>PURPOSE</b>	<b>MATERIALS</b>	<b>HYPOTHESIS</b>
<b>PROCEDURES</b>	<b>RESULTS</b>	<b>CONCLUSION</b>

# Ozone Pollution: Smog Alert

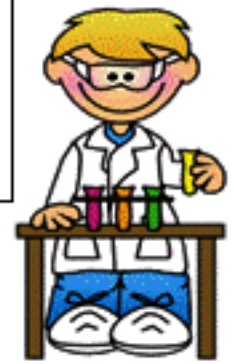
Date \_\_\_\_\_

Draw what happens in each step of the smog alert demonstration.

Step One

Step Two

Step Three



# Acid Rain: An Air Pollutant

<b>PURPOSE</b>	<b>MATERIALS</b>	<b>HYPOTHESIS</b>
<b>PROCEDURES</b>	<b>RESULTS</b>	<b>CONCLUSION</b>

# Household Hazards

<b>LIST OF WHAT YOU THINK WOULD BE HAZARDOUS ITEMS IN YOUR HOME</b>	<b>GROUP IDEAS OF HAZARDOUS ITEMS</b>	<b>HAZARDOUS OR NOT</b>
		BUG SPRAYS BAKING SODA BATTERIES PAINT ANT KILLERS CEDAR CHIPS BORAX VINEGAR SALT MOTH BALLS LEMON OIL MIRROR CLEANERS
1. Baking Soda _____ 2. Lemons _____ 3. Vinegar, Salt, Water _____ 4. Salt and Boiling Water _____ 5. Corn Meal _____ 6. Lemon Oil _____ 7. Olive Oil _____ 8. Cedar Chips _____ 9. Corn Meal _____	A. Bathroom Cleaner B. Room Deodorizer C. Furniture Polish D. Moth Balls E. Abrasive Powder F. Rug Cleaner G. Drain Opener H. Sink Cleaner I. Carpet Cleaner	<b>WHAT ITEMS SURPRISED YOU?</b>  <b>WHICH ITEMS DO YOU THINK YOU COULD TRY TO CHANGE IN YOUR HOUSE?</b>

Don't Cry Over Spilled Oil

<b>Purpose</b>	<b>Materials</b>	<b>Hypothesis</b>
<b>Procedures</b>	<b>Results</b>	<b>Conclusion</b>