

# Lesson 2: What's in the Air?



Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Introduction

Let's learn what's floating in the air around your home. In this lesson, you will create a simple particle pollution collector. Gather the materials listed below. Follow the directions to make your collector. Remember to record your data and observations in the Data Table at the bottom of this page.

## Materials

You will need these materials:

- Two printed Pollution Collector Patterns. Note: index cards of paper may be used in place of the pattern if a printer is unavailable
- Two sticky labels or transparent tape
- One pair of scissors
- One hole punch
- Two 12-inch pieces of string

## My Data

Count the Particles	Describe the Particles	Draw a Picture of the Particles <i>(optional)</i>
<i>Indoor Location</i>		
<i>Outdoor Location</i>		

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## Pollution Collector Pattern



Cut a collector from the pattern.

Cut a window in the middle of the collector.



Cover the back of the window with a white sticker or tape.



The sticky side will face up and out.

Hint: Don't touch the sticky part!


Punch a hole at the top of the collector.




Tie a piece of string or ribbon through the hole at the top.

Choose a location and hang up your collector.

Wait a few days. Take your collector down. Inspect it with a magnifier. What do you observe? What's in YOUR air-?

 Cut your collector here.




Name \_\_\_\_\_

Date \_\_\_\_\_

Location \_\_\_\_\_

**CLEAN AIR  
MAKE  
MORE**

 Cut a window