Air Pollution

A. Fill in the Blanks

Word Bank:	trees	breathe	smokepollution	oxygen			
1. When harmful things get into the air, it is called air							
2. We need to		clean air	to keep our lungs health	ıy.			
3. Dark	f	rom factor	ies is a major cause of air	pollution.			
4. The gas our bodies need from the air is called							
5. Planting more		is a g	reat way to help clean th	ne air.			

B. Match the Following;

Column A (Cause)	Column B (Description / Effect)	
1. Car Exhaust	A. A natural cause of air pollution	
2. Bicycle	B. Cleans the air by taking in bad gases	
3. Wildfire	C. A major source of smog in cities	
4. Tree	D. Puts smoke and chemicals into the air	
5. Factory	E. A form of travel with zero pollution	

C.

5. Factory	E. A form of traver with zero polition	
Practice Problems		
1. Which of these things ca	auses air pollution? (Circle all that apply)	
a. A running car	b. A bicycle	
c. A factory with smoke co	ming out d. A tree	
2. What is the name for th	e smoky, dirty fog that hangs over cities?	
a. Cloud	b. Smog	c. Rain
3. How does air pollution r	nake our bodies feel? Name two ways.	
A	b	
4. Why are trees called the	e "lungs of the Earth"?	
a. They use up all the air.	b. They help clean the air.	
c. They have leaves shaped	d like lungs.	

- 5. Which is a better way to trave
 - 5. Which is a better way to travel to school to keep the air clean?
 - a. Riding in a car by yourself

b. Walking or riding a bike

D. Warm-up Questions

- 1. What do we breathe from the air to live?
- 2. Is clean air good or bad for our health?
- 3. Can you see the air? (Yes / No)
- 4. Name one thing that can make the air smoky and dirty.
- 5. What color is the sky on a clear, sunny day?

E. Challenge Questions

- 1. Imagine a city where everyone decided to plant one new tree. How would the air in that city change over time?
- 2. A new factory is built near a farm. What could happen to the farmer's plants if the factory releases a lot of smoke?
- 3. Why is it better to use a reusable bag for shopping instead of getting a new plastic one each time? (Hint: Think about how plastic bags are made).
- 4. Explain how a big wildfire in a forest far away can still affect the air in your town.
- 5. If you were a superhero whose power was to fight air pollution, what would your three main powers be?

F. Word Problems & Application

- 1. Sam's house is just two blocks from the library. He can ask his mom to drive him, or he can ride his scooter. Which choice is better for the air, and why?
- 2. Maria sees her neighbor about to burn a big pile of plastic bottles and old newspapers in his backyard. Is this a good idea for the air? What should he do instead?
- 3. A city wants to have cleaner air. They decide to build more paths for bikes and add more buses. How will this help?
- 4. Your class is having a party. To reduce pollution, should you use plastic plates and cups that you throw away, or reusable plates and cups that you wash? Explain your answer.
- 5. On a day with a "poor air quality" warning, what kind of outdoor activities should you avoid doing? Why?

G. True or False

 Riding a scooter creates a lot of air pollution. Air pollution only affects humans, not animals or plants. Keeping the lights on when you leave a room helps the air. All air pollution is caused by people. There is nothing kids can do to help stop air pollution. 	