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# NAT GEO EXPLORES

Video Discussion



# Episode 1

## DEBUNKING 3 MYTHS ABOUT AIR POLLUTION

[Click here to watch the clip](#)



# Vocabulary

A. Choose the correct words.

cost

impact

biological

environmental

associate

urban

- |    |      |   |
|----|------|---|
| 1. | adj. | related to living organisms and their life processes _____        |
| 2. | v.   | to connect or link one thing with another _____                   |
| 3. | adj. | pertaining to cities or characteristics of a city _____           |
| 4. | v.   | the effect or influence that something has on another _____       |
| 5. | adj. | relating to the natural surroundings or environment _____         |
| 6. | n.   | the amount of money needed to purchase or achieve something _____ |

# Vocabulary

B. Fill in the blanks to complete the sentences.



“Air pollution affects almost every \_\_\_\_\_ system in our bodies... A lot of people \_\_\_\_\_ air pollution with cities, that this is an \_\_\_\_\_ problem.”

“The neighborhoods that are most heavily \_\_\_\_\_ very often are poorer, people of color, immigrants, people who lack the ability to move somewhere cleaner.”



“When we talk about \_\_\_\_\_ challenges and how to fix them, the conversation often gets really focused on what it's going to \_\_\_\_\_.”

cost

biological

associate

environmental

urban

impacted

# Comprehension


A. Choose the correct answers.

1. How many people does the World Health Organization estimate die each year?
  - a. 7 million
  - b. 1 million
  - c. 70 million
2. Which pollutant concerns scientists the most?
  - a. urban pollution
  - b. agricultural pollution
  - c. particulate pollution



# Comprehension

A. Choose the correct answers.

- 
3. What particle is smaller than PM2.5 and can penetrate deep into the lungs?
    - a. sand
    - b. ultrafine
    - c. chemicals
  4. Which law was enacted to reduce lead in the air?
    - a. Clean Air Act
    - b. Clean Urban Act
    - c. Clean World Act



# Comprehension

B. Read and complete the words.

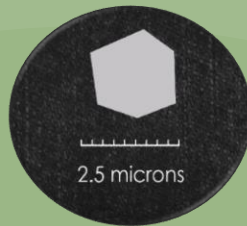
1.



A\_r\_p\_ \_ \_ u\_ \_ \_ n

Dirty or harmful stuff  
in the air

2.



P\_2.\_ \_

Tiny, harmful particles  
in the air

3.



Al\_ \_ \_ l\_

Tiny air sacs in the lungs  
for breathing

4.



F\_rt\_ \_iz\_ \_

Plant food for better  
growth

# Comprehension

C. Choose **T** if the statement is correct, but if it is false, change the underlined word to make the statement true.

- \_\_\_\_\_ 1. Air pollution is killing thousands of people around the world.
- \_\_\_\_\_ 2. Once tiny particles are in the bloodstream, they can travel all around the body and impact all of our different organs.
- \_\_\_\_\_ 3. Agriculture is another, unexpected, but pretty significant contributor to air pollution.
- \_\_\_\_\_ 4. There's 100 percent less pollution in the air than there was in 1970 because of this law.





# Discussion

## D. Answer the questions.

1. What do you think about the video? What valuable lessons did you learn from it?
2. What is air pollution, and why is it bad for the environment?
3. How does air pollution impact animals and wildlife?
4. What are some simple things we can do to keep the air clean and healthy for everyone?
5. What are some signs that air quality is poor on a given day?
6. What can schools and communities do to educate people about air pollution and its consequences?
7. Imagine a world with clean, fresh air. What do you think it would be like, and how can we work towards that goal?

