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Level 4 – 14th January, 2020

Brake pads could harm our immune system

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<https://breakingnewsenglish.com/2001/200114-brake-pads-4.html>

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Please try Levels 5 and 6. They are (a little) harder.

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THE READING

From <https://breakingnewsenglish.com/2001/200114-brake-pads-4.html>

Brake pads are a new danger on the roads. Scientists discovered that toxic dust and metal from brake pads could harm our bodies as much as diesel emissions. The fine dust released when a car brakes could inflame the lungs, reduce immunity, and cause serious infections like bronchitis or pneumonia. Scientists estimate that 93 per cent of particulate pollution from traffic comes from tyres, clutches, brake pads, and road dust.

Scientists say that inhaling brake dust could cause "London throat". This causes runny noses, coughs and colds. Metal particles from brakes cover the lungs and stop cells in our immune system from removing bad bacteria. Brake pad dust casts doubt on claims by the motor industry of there being zero-emission cars. A researcher said: "There is no such thing as a zero-emission vehicle." He said the brake dust problem is going to get worse.

Sources: <https://www.bbc.com/news/uk-england-london-51049326>
<https://pubs.rsc.org/en/content/articlehtml/2020/mt/c9mt00253g?page=search>
<https://www.telegraph.co.uk/science/2020/01/09/do-have-london-throat-scrapping-speed-bumps-could-help/>

PHRASE MATCHING

From <https://breakingnewsenglish.com/2001/200114-brake-pads-4.html>

PARAGRAPH ONE:

- | | |
|-------------------------|------------------------|
| 1. Brake pads are a new | a. when a car brakes |
| 2. toxic | b. emissions |
| 3. harm our | c. from traffic |
| 4. diesel | d. dust |
| 5. dust released | e. infections |
| 6. inflame the | f. danger on the roads |
| 7. cause serious | g. lungs |
| 8. pollution | h. bodies |

PARAGRAPH TWO:

- | | |
|------------------------------|-----------------------|
| 1. inhaling | a. colds |
| 2. This causes runny | b. going to get worse |
| 3. coughs and | c. motor industry |
| 4. stop cells in our | d. cars |
| 5. claims by the | e. noses |
| 6. zero-emission | f. thing |
| 7. There is no such | g. immune system |
| 8. the brake dust problem is | h. brake dust |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2001/200114-brake-pads-4.html>

Brake pads are a (1) _____ the roads. Scientists discovered that (2) _____ metal from brake pads could harm our bodies as much (3) _____. The fine dust released when a car brakes could (4) _____, reduce immunity, and cause serious infections like bronchitis or pneumonia. (5) _____ 93 per cent of particulate pollution from traffic comes from tyres, clutches, brake pads, (6) _____.

Scientists say (7) _____ dust could cause "London throat". This causes (8) _____ and colds. Metal particles from brakes cover the lungs and (9) _____ our immune system from removing bad bacteria. Brake pad dust (10) _____ claims by the motor industry (11) _____ zero-emission cars. A researcher said: "There is no such thing as a zero-emission vehicle." He said the brake dust problem is going (12) _____.

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2001/200114-brake-pads-4.html>

Brake pads are a new danger on the roads. Scientists discovered that toxic dust and metal from brake pads could harm our bodies as much as diesel emissions. The fine dust released when a car brakes could inflame the lungs, reduce immunity, and cause serious infections like bronchitis or pneumonia. Scientists estimate that 93 percent of particulate pollution from traffic comes from tyres, clutches, brake pads, and road dust. Scientists say that inhaling brake dust could cause "London throat". This causes runny noses, coughs and colds. Metal particles from brakes cover the lungs and stop cells in our immune system from removing bad bacteria. Brake pad dust casts doubt on claims by the motor industry of there being zero-emission cars. A researcher said: "There is no such thing as a zero-emission vehicle." He said the brake dust problem is going to get worse.

OUR IMMUNE SYSTEM SURVEY

From <https://breakingnewsenglish.com/2001/200114-brake-pads-4.html>

Write five GOOD questions about our immune system in the table. Do this in pairs. Each student must write the questions on his / her own paper. When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

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WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student B: Do not show these to your speaking partner(s).

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

