The background of the image is a stylized illustration of an industrial landscape. It features several dark grey smokestacks emitting thick, dark grey smoke. In the foreground, there's a teal-colored truck on the left and an orange excavator on the right. In the middle ground, there are various industrial buildings, including a brown factory with a tall chimney, a grey building with vertical stripes, and a brown building with a water tower. A yellow truck is also visible in the middle ground. The sky is a solid orange color.

End Engine
Idling!

Deep breaths...

Why do we need clean air?



AIR POLLUTION : THE FACTS

What are the causes and effects of air pollution? And how can we solve the problem?

CAUSES:

- Cars powered by petrol and diesel (the most polluting is diesel).
- Delivery vans and lorries (usually powered by diesel).
- Buses powered by diesel (although transporting lots of people, reduces the number of cars).
- Factories and industry.
- Gas and coal power stations.



EFFECTS:

- Asthma - many people, like the Mayor of London, suffer from asthma, which is made worse by air pollution.
- Other breathing problems.
- Heart problems.
- Brain problems.

KEY WORDS:

Toxic Air pollution Traffic Diesel Health Effects Particulates (soot) Causes Asthma

Traffic Diesel Health Effects Particulates (soot) Causes Asthma

Diesel Health Effects Particulates (soot) Causes Asthma

Health Effects Particulates (soot) Causes Asthma

Effects Particulates (soot) Causes Asthma

Particulates (soot) Causes Asthma

Causes Asthma

Asthma

Transport (people or goods)

Vehicles Solutions Emissions (exhaust fumes)

NO₂ (nitrogen dioxide)

Pollutants

9,416
Londoners die early every year because of air pollution

Air pollution costs London's economy **£3.7 BILLION** each year

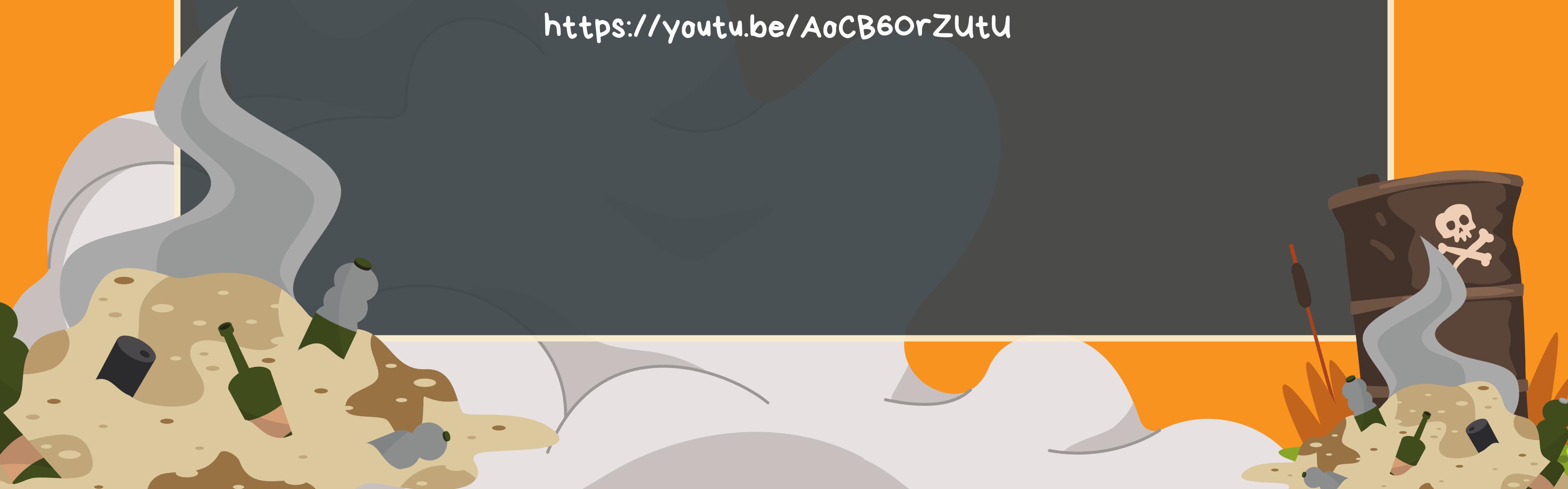
24% of London's primary schools are in areas that breach the legal limit for NO₂

SOLUTIONS:

- Fewer polluting vehicles.
- Ban the most polluting vehicles from the city centre, around schools and hospitals.
- Encourage cleaner vehicles - electric or hybrid.
- Easier and safer cycling.
- Easier and safer walking.
- Better and cheaper trains and buses.
- Stop cars from 'idling' outside schools.

What is air pollution and what can we do about it?

<https://youtu.be/AoCB60rZUtU>



Types of Pollution

Natural or Man-made?



Sort the causes of pollution cards into natural and man made. Which ones can we do something about?



One we will do
something about...
vehicle emissions

POSTER COMPETITION

End Engine Idling!



In 2023, transport was responsible for 29% of the UK's total greenhouse gas emissions. Over half of this came from cars and taxis, where petrol and diesel are burned to power engines and create movement.

We are aiming to reduce this by holding a poster competition to encourage an end to engine idling around school. The winning 5 posters will be displayed on the streets surrounding school.

Have entries submitted to Ms Bullas by 27th February to be judged by our Eco-Committee. Good luck!

