An illustration of an industrial scene with a large white sign in the center. The sign has a brown border and contains the text "End Engine Idling!". The background is orange with three dark grey clouds. In the foreground, there is a green truck on the left, a yellow truck in the middle, and a yellow excavator on the right. The background features various industrial buildings, a crane, and wind turbines.

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.

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:

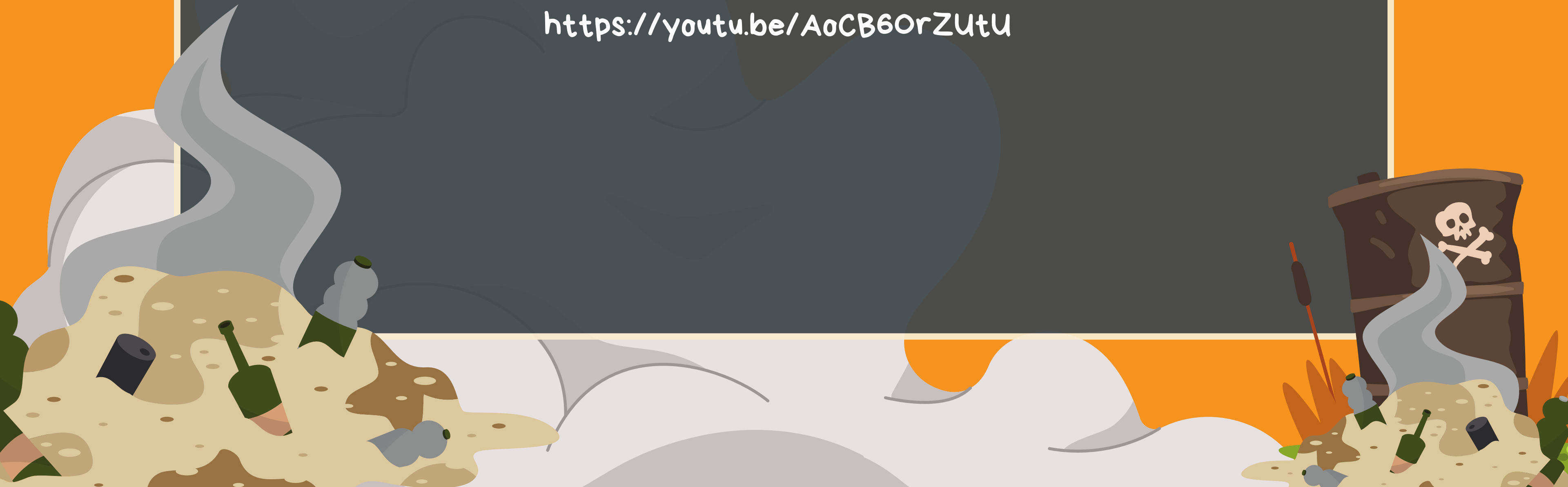
- Fewer polluting vehicles.
- Ban the most polluting vehicles from the city centre, around schools and hospitals.
- Encourage cleaner vehicles - electric or hybrid.
- Easier and safer cycling.
- Easier and safer walking.
- Better and cheaper trains and buses.
- Stop cars from 'idling' outside schools.

KEY WORDS:

Toxic Traffic Diesel Health Effects Particulates (soot) Causes Asthma
Air pollution Transport (people or goods) Vehicles Solutions Emissions (exhaust fumes) NO₂ (nitrogen dioxide) Pollutants

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

<https://youtu.be/AoCB6OrZUtU>



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!

