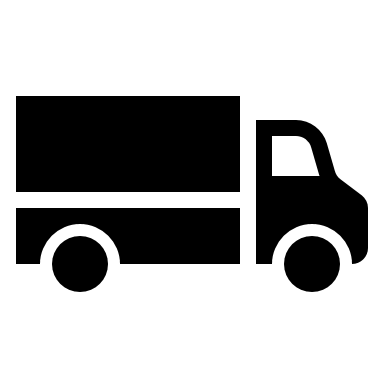
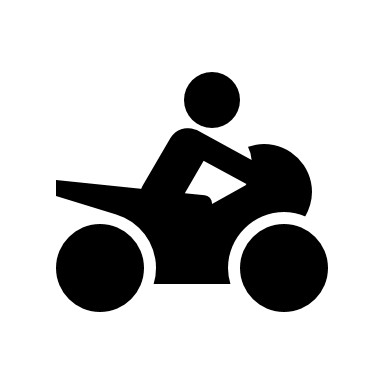
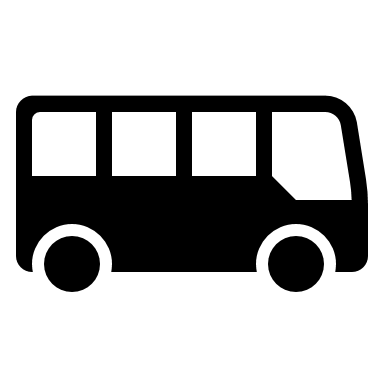
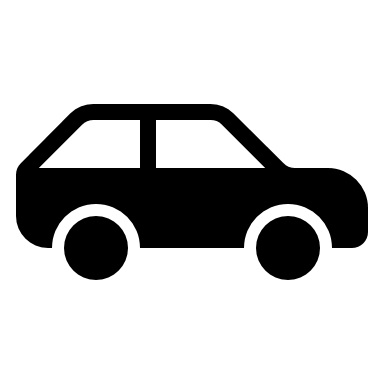


**WHAT IS A “CLEAN AIR ZONE”?**



Clean air zones are places where special measures have been put in place to **improve air quality**.

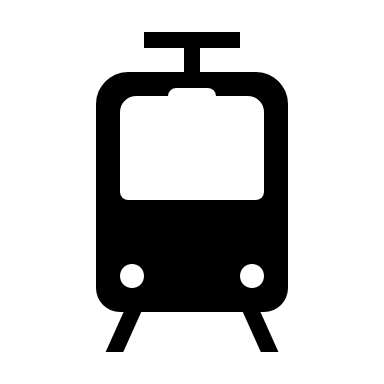
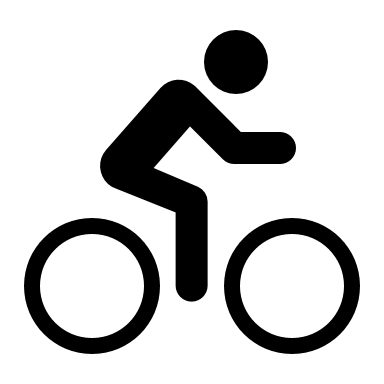
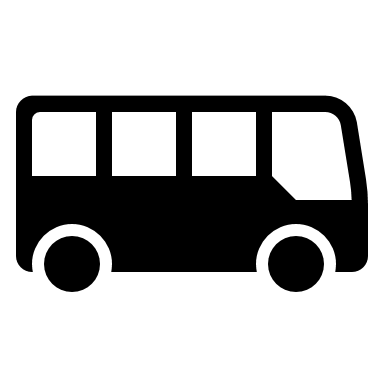
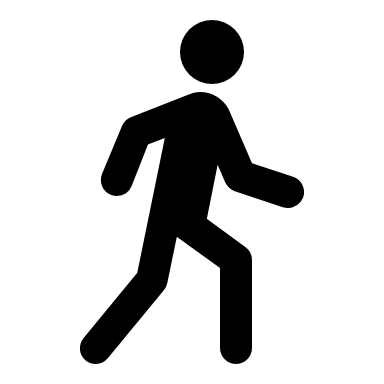
Some clean air zones charge a fee to drive high polluting vehicles into the zone.

The **ULTRA LOW EMISSION ZONE** (ULEZ) in London charges £12.50 for high-polluting cars, motorbikes and vans to drive into the city. Heavier vehicles like lorries and buses have to pay £100!

The ULEZ has been in place since April 2019. Scientists who measure air quality in central London, have found a big reduction in the amount of a pollutant called nitrogen dioxide since the ULEZ was introduced – **so it seems to be working!**

Nitrogen dioxide can be bad for our health so the CHILL study is investigating whether the improvements in air quality within the ULEZ also lead to an improvement in our health.

This map shows the area covered by the ULEZ in blue. Can you find where you live? Is it inside or outside the ULEZ boundary?



More charge-based clean air zones are being introduced in other big cities across the UK but dozens of other towns and cities are introducing **non-charging clean air zones** to make our air cleaner.

Non-charging clean air zones focus on improving public transport and creating more cycle routes and pedestrian areas to make it easier for us to get around without using our cars!

What types of public transport are there where you live? What do you think we could do to make public transport easier to use?

This map shows cities in the UK that plan to introduce charging CAZs by the end of 2022. If they are all as effective as the ULEZ then lots of people will soon be breathing much cleaner air!



**Leicester – 2021**

**Bath – Spring 2021**

**Edinburgh – spring 2022**

**Dundee – spring 2022**

**Aberdeen – spring 2022**

**Portsmouth – autumn 2021**

**Bristol - 2021**

**Birmingham – Summer 2021**

**Manchester – spring 2022**

**Bradford – Autumn 2021**

**Glasgow – spring 2022**

**????? QUIZ ?????**

Now that you’ve learnt a little bit about clean air zones, can you answer these questions?

1. What is the purpose of a clean air zone?
2. When was the ULEZ introduced to central London?
3. Which of these does the ULEZ NOT apply to?
   1. cars b. buses c. vans d. bicycles
4. How many cities in the UK will have clean air zones by the end of 2021?
5. How much does a high polluting lorry have to pay to drive into the ULEZ?
6. Clean air zones could play a big role in cleaning up the air in our cities. How would you persuade drivers that a Clean Air Zone is a good idea?