



CALM Assembly



Would you like
to become an
**Air Quality
Explorer?**

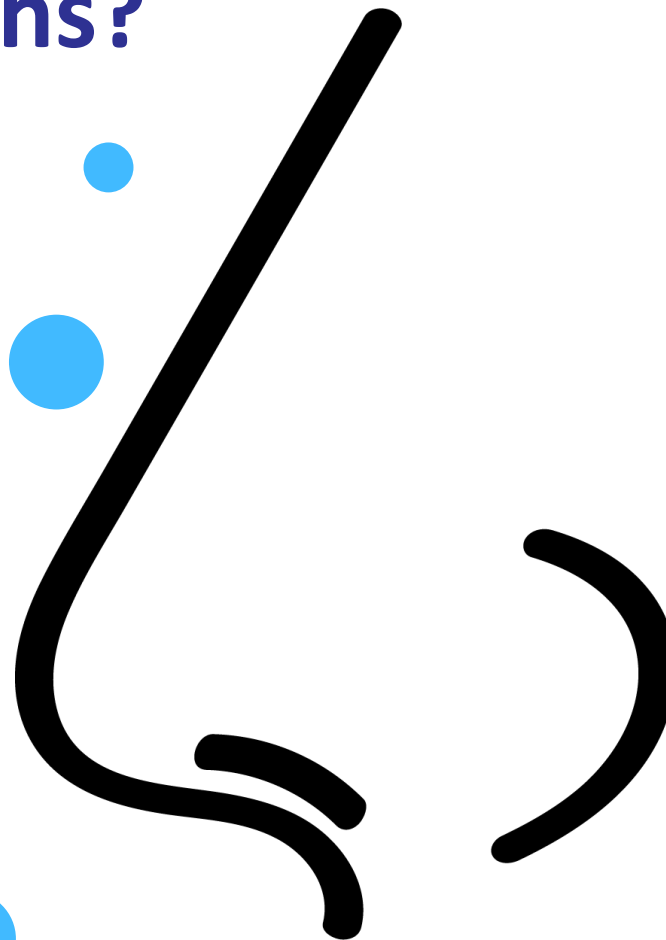


Do you know how many breaths?

16 times per minute

23,000 breaths per day

**Do you know the
quality of the air
that you breathe?**



We're part of an exciting project for Reading schools



Reading
Borough Council



DESIGN NATURE



Stantec



University of
Reading



defra

And all of you!

Become an Air Quality Explorer

The three things we are going to cover...

1. What is Air Quality?
2. What is Air Pollution?
3. What can we (you) do about it?

Become an Air Quality Explorer



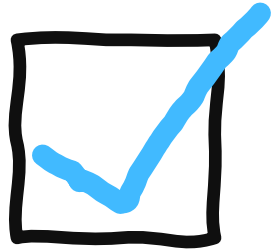
1. What is Air Quality?



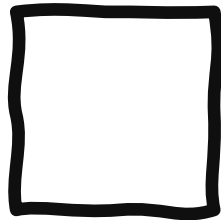
What is Air Quality?

Q. True or False!

Air is the mixture of gases that make up the Earth's atmosphere.



TRUE



FALSE



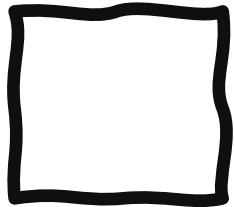
Does anyone know what the **two main gases** are?

Nitrogen (almost 80%) and **Oxygen** (about 20%)

What is Air Quality?

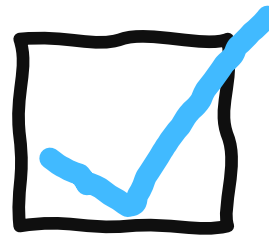
A.

A trendy type
of trainer?



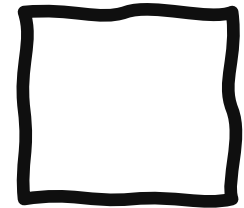
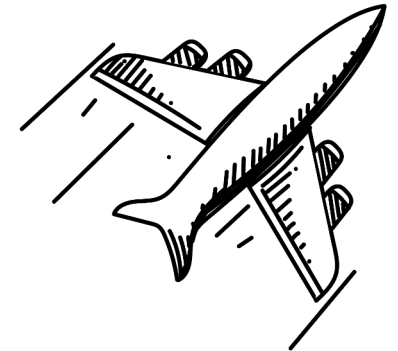
B.

How good or
bad the air we
breathe is?

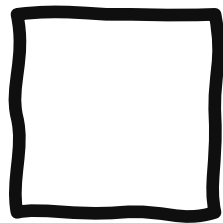


C.

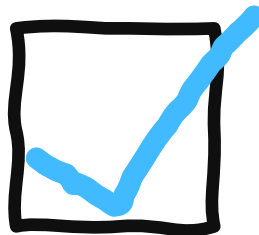
An airline
company?



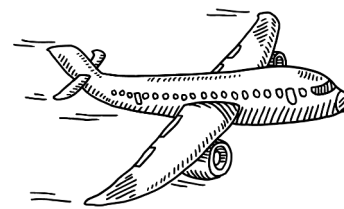
Is it only important to think about outdoor air quality?



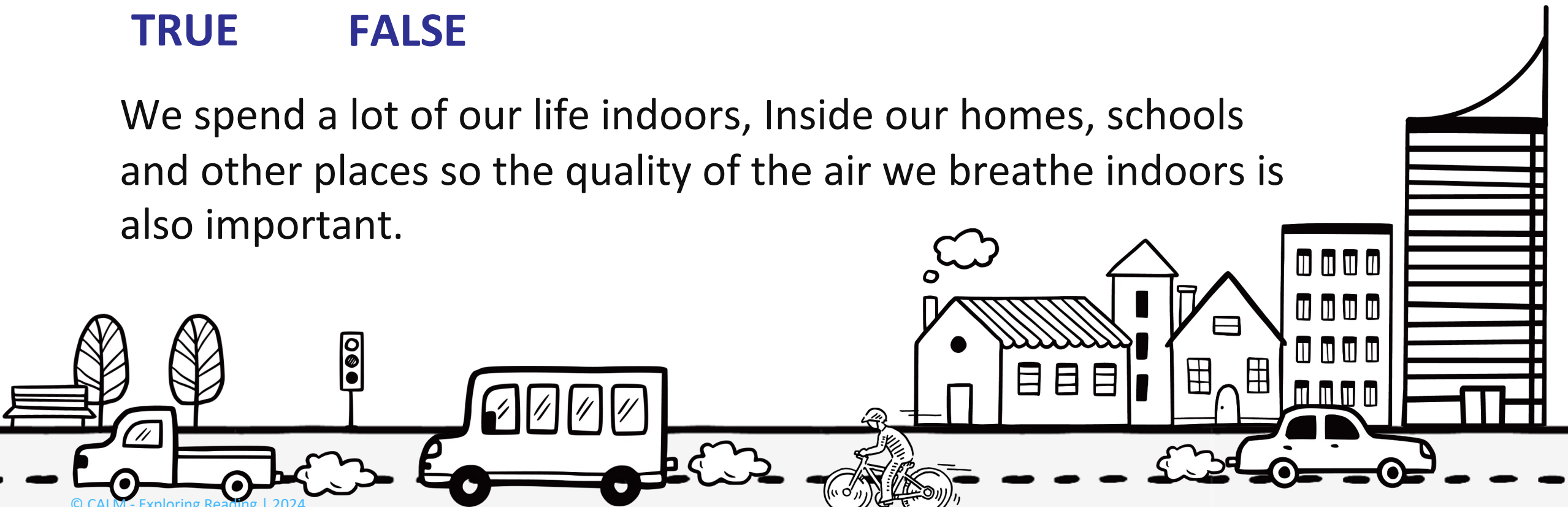
TRUE



FALSE



We spend a lot of our life indoors, Inside our homes, schools and other places so the quality of the air we breathe indoors is also important.



Become an AQ Explorer

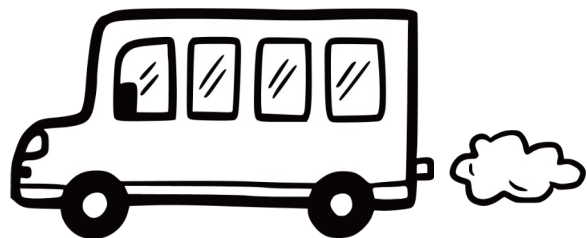


2. What is Air Pollution?



Outdoor

What types of things may affect outdoor Air Quality?



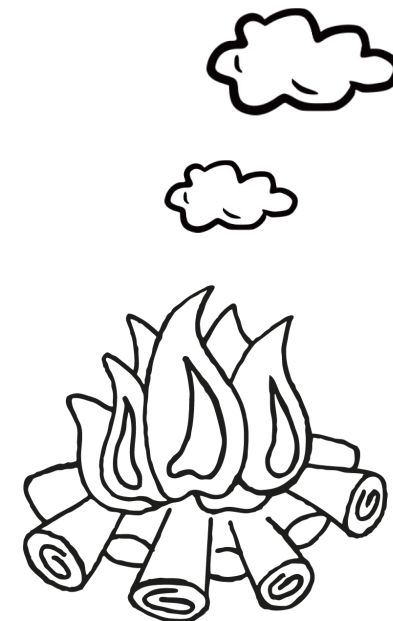
Vehicles
(Exhaust Fumes)



Smoke from buildings
(Offices, Factories, Houses)



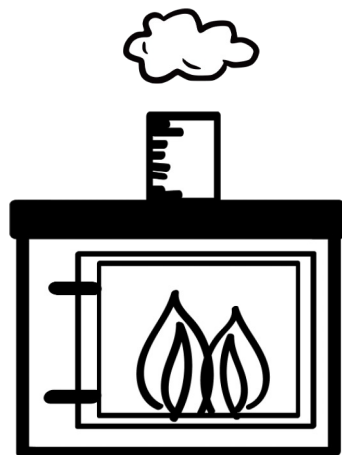
Other Transport
(Planes, Trains)



Fires
(Bonfire, campfire, wildfires)

Indoor

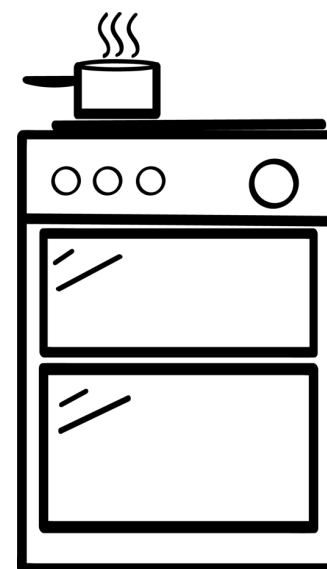
What types of things may affect indoor Air Quality?



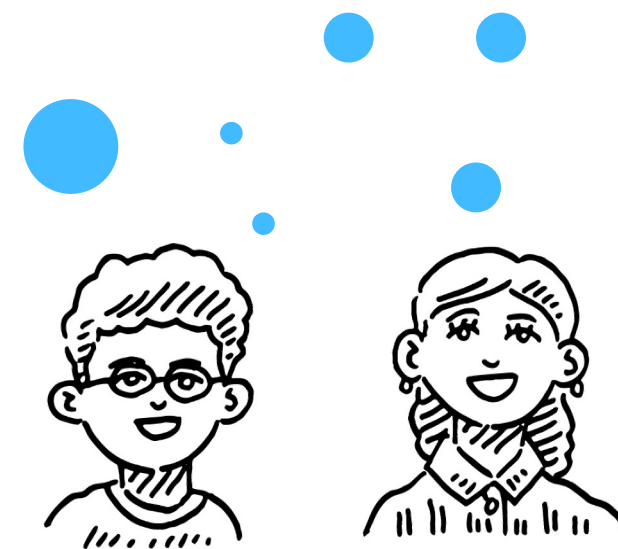
Heating and lighting
(Wood burner, Candles)



Cleaning and decorating
(Cleaning products,
paint)

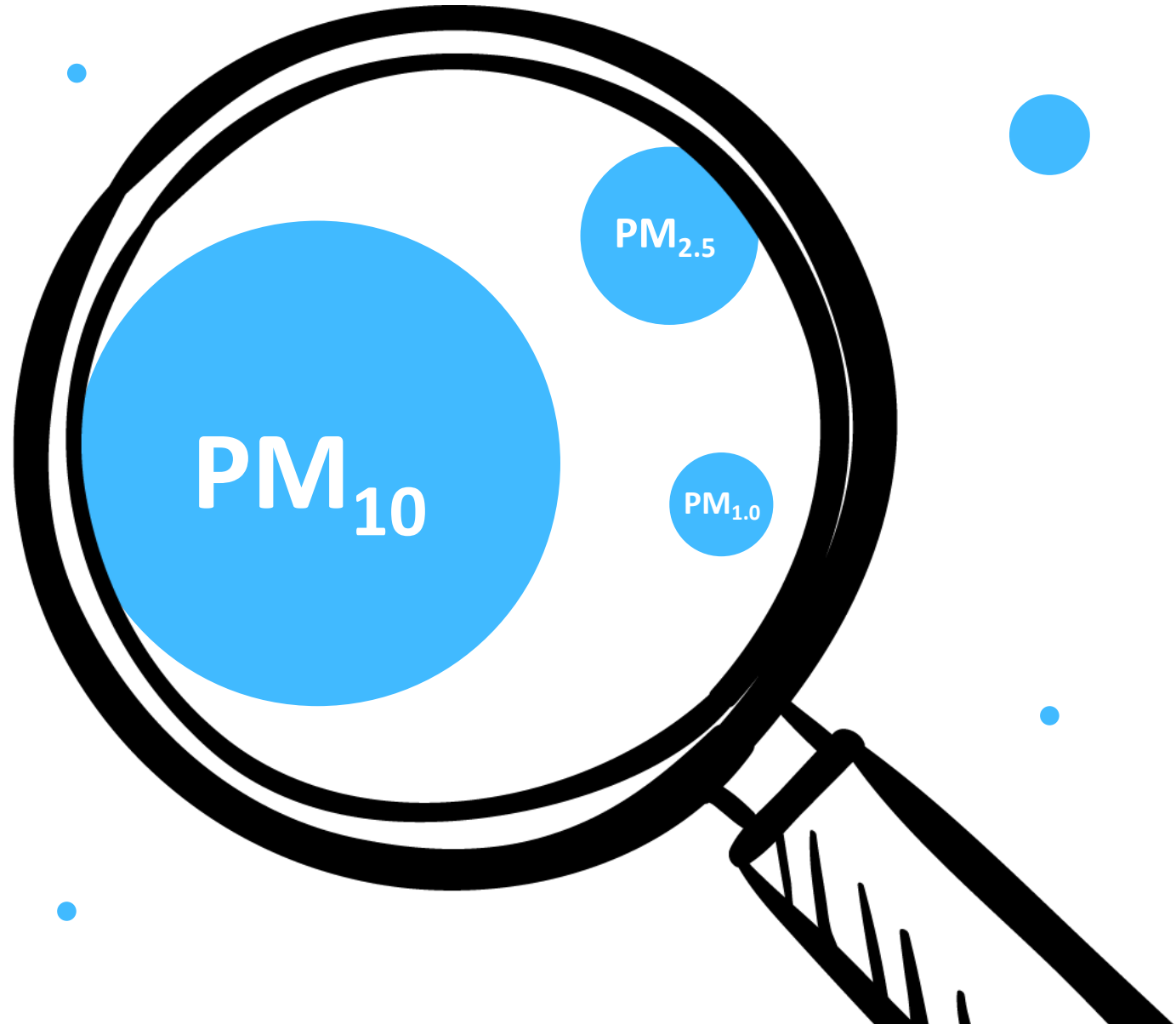


Cooking
(Gas hobs and Grills)



People
(Breathing, deodorants)

What is Air Pollution?



Become an AQ Explorer



3. What can we (you) do about it?



What can we (you) do about it?

Walking



Take the bus



Cycling



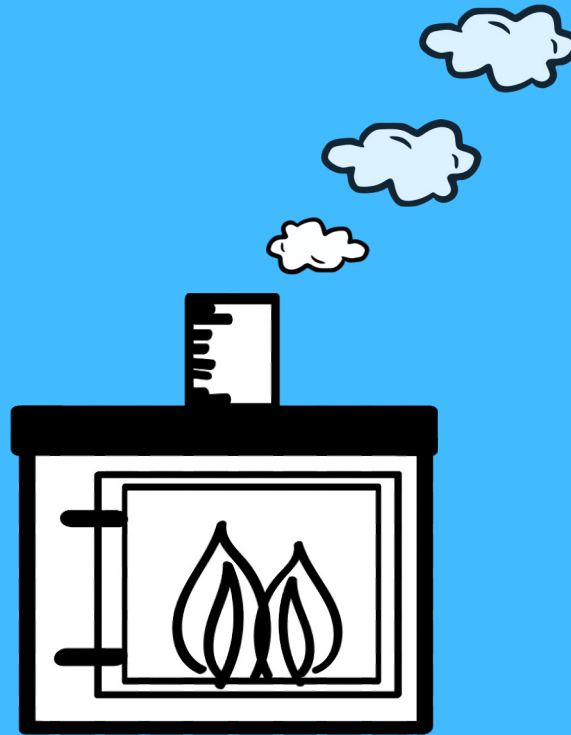
Car share



What can we (you) do about it?



Get
curious!



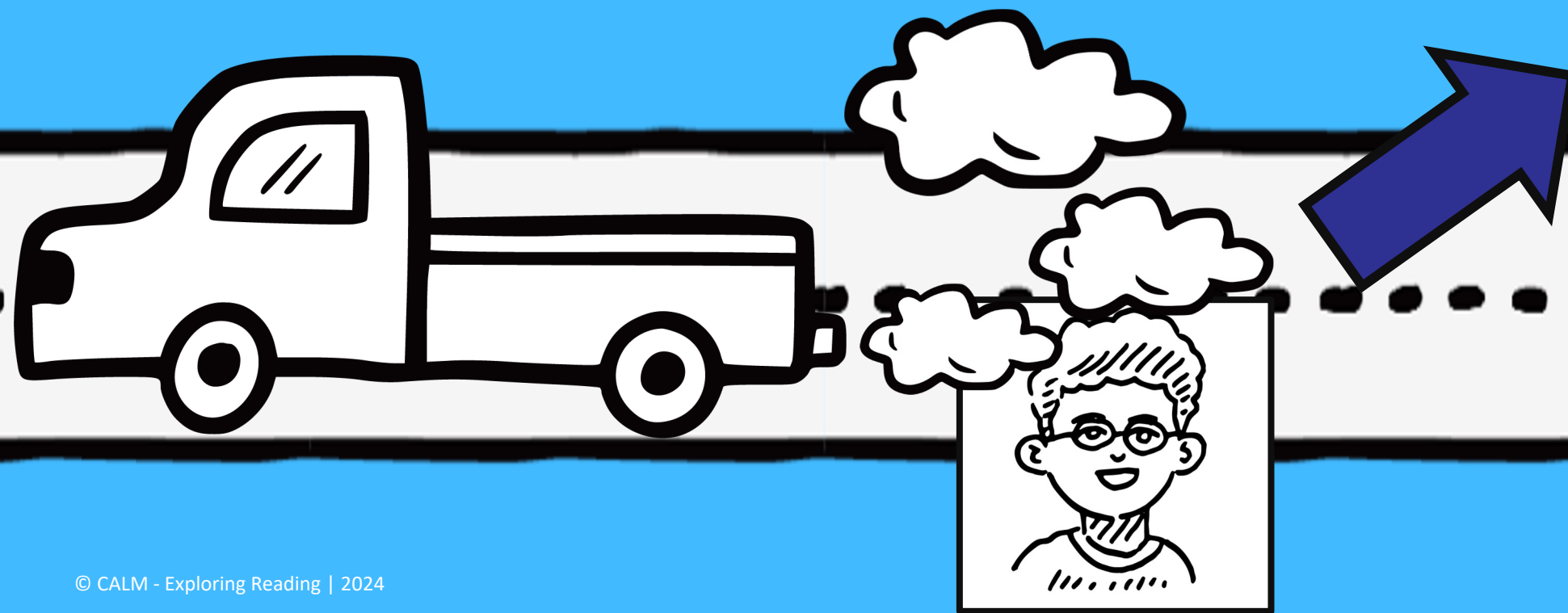
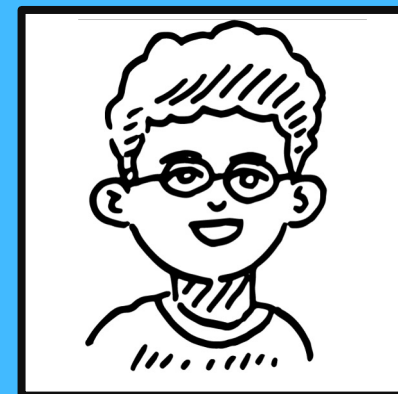
<https://uk-air.defra.gov.uk/library/burnbetter/>

<https://www.actionforcleanair.org.uk/campaigns/clean-air-night>

What can we (you) do about it?

Improve...

...or Move!





Thank You

For more information visit

<https://www.reading.gov.uk/climate-and-pollution/clean-air-living-matters-exploring-reading-with-schools/>