

# The air we breathe can impact our health

## Activity 3 - What can make the air bad?

### What do we breathe in?

When you breathe in, air goes into your lungs and OXYGEN (ox - see - jen) from the air moves from your lungs into your blood.

### Fun facts about oxygen and the air around us

Oxygen is a gas



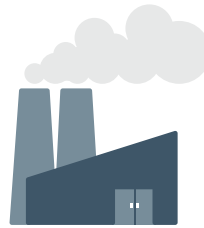
Oxygen is found in air, water, the earth and even in the sun



Humans and animals need oxygen from the air to live. It helps our bodies function



Sometimes, other gases in the air can pollute the air



If we breathe in too much polluted air, it can make us sick



### Smell these objects and describe how you feel after smelling them.

If you're at home, get an adult to help you locate these things.

Object	How do you feel when you smell? (Happy, uncomfortable, refreshing etc)
Scented candle	
Flower	
Cooking oil	
Dirt	
Your own feet!	

Smelling these things won't hurt you, but not all of them smell very nice! Air pollution is worse. Air pollution can also have strange smells and can make us feel sick if we breathe it in, especially for a long time.

### Air pollution

Gases, dust, smoke, or bad smells that gets into the air and makes it unhealthy












For the better

## Is all air we breathe in good?

Here in Western Australia, we can breathe in some fresh and clean air. But sometimes, the air we breathe isn't always that way. Different things can make the air polluted.

### Can you circle which things below can pollute the air?

 Car	 Chimney	 Cat
 Bicycle	 Fish	 Truck
 Factory	 Traffic	 Tree

### What would life be like if we lived with lots of polluted air? Look at the pictures and fill in the gaps

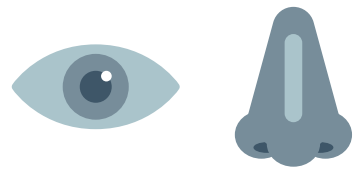
Hard to b\_\_\_\_\_



I can feel d\_\_\_\_\_



My e\_\_\_\_\_ and n\_\_\_\_\_ can hurt



I can c\_\_\_\_\_



I can become s\_\_\_\_\_



All living things can suffer



Answers: breathe, dizzy, eyes, nose, cough, sick

**Options for teachers:** Take this investigation further by looking at pictures of polluted cities or places on earth. Get students to describe what they see and what life might be like.



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