Match the pictures with their names and with the definitions.

**Noise pollution**
- CONTAMINATES THE ATMOSPHERE.
- CAUSES HEARING PROBLEMS IN HUMANS AND ANIMALS.

**Soil pollution**
- CAUSES DESERTIFICATION.

**Light pollution**
- AFFECTS WATER LIFE.

**Air pollution**
- CAUSES HEADACHES AND VISION LOSS.

**Water pollution**
UNIT: LAND

WORKSHEET: 3.2

Name: _______________ Date: _______________

BRAINSTORMING

With a partner, write down anything that you can think of when you see the word “POLLUTION”.

---

The Four Elements

Conca de Barberà

Olga Tarrats i Sala
POLLUTION

With a partner, complete the chart with the words. Some words go in more than one column.

<table>
<thead>
<tr>
<th>CAUSES OF POLLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOIL POLLUTION</td>
</tr>
<tr>
<td>AIR POLLUTION</td>
</tr>
<tr>
<td>WATER POLLUTION</td>
</tr>
<tr>
<td>NOISE POLLUTION</td>
</tr>
<tr>
<td>LIGHT POLLUTION</td>
</tr>
</tbody>
</table>

Factories, pesticides, street lights, deforestation, cars, construction, airplanes, demolition, rubbish, concerts, burning fossil fuels, mining, luminous adverts, traffic sound, oil spill, forest fires, sewage.
UNIT: LAND

WORKSHEET: 3.3b

POLLUTION

Choose a type of pollution. Ask your partner 3 questions about causes of pollution.

STUDENT A

Tell me one cause of AIR POLLUTION.

STUDENT B

FACTORIES CAUSE AIR POLLUTION

TRAFFIC SOUND CAUSES NOISE POLLUTION
Unjumble the words and complete the sentences.

1. Tigers and pandas are animals in danger of _________________.
   - nnitxeciot

2. Water pollution affects ________________ life.
   - einrma

3. We live on planet _________________.
   - thrae

4. Farmers use ________________ to kill insects.
   - despestici

5. Cutting down trees in forests is called _________________.
   - fordesetatino

6. Factory smoke, cars and rubbish cause _________________.
   - llouuptoin

7. Global ________________ is making the world hotter.
   - gnimwra

8. ________________ produce light pollution.
   - teerts lihtsg
### WORKSHEET: 3.4b

#### SENTENCES

Unjumble the words and complete the sentences.

<p>| | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Tigers and pandas are animals in danger of <strong>ex</strong>__________________.</td>
<td>nnitxeciots</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Water pollution affects <strong>ma</strong>_____________ life.</td>
<td>einrma</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>We live on planet <strong>Ea</strong>__________________.</td>
<td>strae</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Farmers use <strong>pes</strong>_____________ to kill insects.</td>
<td>despestici</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>Cutting down trees in forests is called <strong>def</strong>_______________.</td>
<td>fordesetatino</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>Factory smoke, cars and rubbish cause <strong>pol</strong>______________.</td>
<td>llouuptoin</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>Global <strong>war</strong>_____________ is making the world hotter.</td>
<td>gnimwra</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td><strong>St_____ li_______</strong> produce light pollution.</td>
<td>teerts lihtsg</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Hello, I am Rocío and I live in Sevilla.

Last winter, there were heavy rains and my city was flooded. The water got into my school and damaged all the computers, books and material.

I couldn’t go to school for three weeks.

In the summer it was very hot and dry. We had a water-shortage.

Answer these questions:

1. Where is Rocío from? ________________________________________________________________ .
2. What was winter like? _______________________________________________________________.
3. What were the consequences of the flood? ________________________________________________
______________________________________________________________ .
4. What was summer like? _______________________________________________________________.

Spain: Rocío’s story
Hello, I am Pau and I live in Espluga de Francoli.

Last winter, there was a snowstorm. Everyone had to stay at home for four days. The roads and the railway were blocked. There was a power cut and we couldn’t heat our homes.

In the summer it was over 40º for many days. It was too hot and I couldn’t sleep or breathe.

It seems the weather is getting worse and worse.

Answer these questions:

1. Where is Pau from? ____________________________________________________________ .

2. What was winter like? ________________________________________________________ .

3. What were the consequences of the flood? ______________________________________

   ___________________________________________________________ .

4. What was summer like? ______________________________________________________ .
Hello, I am ______________ and I live in ______________.

Catalonia: ____________’s story
## WORKSHEET: 3.6

### RUBBISH

<table>
<thead>
<tr>
<th>PICTURES</th>
<th>WORDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
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<td>4</td>
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<td>11</td>
<td>11</td>
</tr>
<tr>
<td>12</td>
<td>12</td>
</tr>
</tbody>
</table>
UNIT: LAND

WORKSHEET: 3.7a

Name: _______________ Date: _______________

**HOW LONG CAN RUBBISH LAST?**

Draw a line between each item and the time it takes to break down.

Compare with your partner.

<table>
<thead>
<tr>
<th>OBJECTS</th>
<th>YEARS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WOOL SOCKS</td>
<td>UP TO 2</td>
</tr>
<tr>
<td>CIGARETTE ENDS</td>
<td>1—5</td>
</tr>
<tr>
<td>GLASS BOTTLES</td>
<td>10—20</td>
</tr>
<tr>
<td>NYLON T-SHIRT</td>
<td>1,000,000</td>
</tr>
<tr>
<td>STEEL CANS</td>
<td>INDEFINITELY</td>
</tr>
<tr>
<td>PLASTIC BOTTLES</td>
<td>INDEFINITELY</td>
</tr>
<tr>
<td>ALUMINIUM CANS</td>
<td>80—100</td>
</tr>
<tr>
<td>PLASTIC BAGS</td>
<td>1—5</td>
</tr>
<tr>
<td>BATTERIES</td>
<td>30—40</td>
</tr>
<tr>
<td>BANANA SKIN</td>
<td>50</td>
</tr>
</tbody>
</table>

**I THINK**

Which item takes the longest to break down?

______________

Which item do you think is the most dangerous to the environment?

______________
WORKSHEET: 3.7b

ASSESSMENT: How long can rubbish last?

ANSWERS

- Wool Socks: Up to 2 years
- Cigarette ends: 1–5 years
- Glass bottles: 10–20 years
- Nylon T-shirt: 1 million years
- Steel cans: Indefinitely
- Plastic bottles: Indefinitely
- Aluminium cans: 80–100 years
- Plastic bags: 1–5 years
- Batteries: 30–40 years
- Banana skin: 50 years