

## SCIENCE

### a. Drag the words to the correct place

paints	power plants	dusty industries	factories
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Air pollutants				
<b>NO<sub>2</sub></b>	<b>SO<sub>2</sub></b>	<b>CO</b>	<b>VOCs</b>	<b>PM</b>
motor vehicles		motor vehicles	pesticides	
	power plants			forest fires

### b Read and complete with words from the box.

Geothermal power	Biomass power	Solar power
	Wind power	

1 \_\_\_\_\_ is one of the alternative sources of energy that can be used to convert sunlight into electricity

2 \_\_\_\_\_ is used to generate electricity by the use of tall wind turbines. This technology does not pollute the air

3 \_\_\_\_\_ uses steam or hot water found inside the Earth to produce electricity.

4 \_\_\_\_\_ is used to generate electricity and fuel. The energy stored in plants or organic waste is used for this.

**2** Read and match.

<b>a</b> __	They are the substances discharged into the air that are usually associated with pollution.	<b>1</b> atmosphere
<b>b</b> __	They are the small particles or droplets suspended in the air that are associated with pollution.	<b>2</b> biomass power
<b>c</b> __	It is the area with gases that surrounds the Earth.	<b>3</b> particulate matter (PM)
<b>d</b> __	It is the energy generated from organic waste or matter.	<b>4</b> emissions
<b>e</b> __	It is the ability to do work.	<b>5</b> energy
<b>g</b> __	It is a physical object or anything that exists and that occupies space and has mass.	<b>6</b> matter
<b>i</b> __	It is a condition, or factor, that can be manipulated or changed in an experiment.	<b>7</b> variable

