

Exploring Effects of Human Activity

1. Air pollution is _____.

2. The following are examples of air pollutants. Select all that apply.

WATER	SMOKE	OXYGEN	CARBON DIOXIDE	SULPHUR DIOXIDE	LIGHT
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3. Correctly Label the diagrams below with the following words.

Car Exhaust	Factory Exhaust	Farming Chemicals	Cigarette smoking
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4. Use the following words to complete the sentences below.

ozone layer	acid rain	smog	sulfuric acid	climate change
hydrogen	oxygen	renewable	carbonic acid	catalytic converter

- a. This gas is not an air pollutant. _____
- b. This protective layer around the Earth protects us from harmful sun rays. _____
- c. This air pollutant is a mixture of smoke and fog. _____
- d. Using this type of energy can help to burn less fossil fuels. _____
- e. Carbon dioxide + Water → _____
- f. Some engines burn this clean gas to produce water. _____
- g. This type of water from the sky has pH 3 and may damage trees. _____
- h. Sulphur dioxide + Water → _____
- i. As the planet gets hotter, this may lead to the following. _____
- j. These machines can be fit to cars to reduce the nitrogen oxide emissions. _____