

## Answer Key

### Vocabulary Building

#### A. Sentence Completion

Use the words in the word box to complete the sentences below. It may be necessary to change the form of the word.

#### The Causes of Global Warming

absorb	greenhouse
atmosphere	greenhouse effect
clear forests	greenhouse gases
fossil fuels	release
global warming	tilt the balance

1. Global warming refers to the gradual rise in the earth's temperature as a result of human activities.
2. A greenhouse is a glass building used to grow plants. It keeps the plants warm and protects them from bad weather.
3. When too many greenhouse gases are released into the air, they trap the sun's heat and cause the earth to get warmer.
4. The greenhouse effect refers to a build-up of gases in the air around the earth, which causes the earth's temperature to rise.
5. Fuels like coal and oil, formed from the remains of decayed plants and animals, are called fossil fuels.
6. The atmosphere is the layer of air and other gases that surround the Earth.
7. When you tilt the balance, this means that you do something to change a situation so that different parts are no longer equal.
8. When you clear forests, this means that you cut down all the trees.
9. Burning fuel releases carbon dioxide into the atmosphere.
10. Plants and trees absorb carbon dioxide from the air.

## Answer Key

### B. Matching

Match the words on the left with the meanings on the right.

#### The Effects of Global Warming

Words	Meanings
1. mountain glacier <u>D</u>	a) a period of time during which the weather is much hotter than usual
2. polar ice cap <u>I</u>	b) a serious problem in which people are forced to leave their homes or their country, usually because of war
3. shelf ice <u>G</u>	c) when the average level of the seas get higher with respect to the land
4. heatwave <u>A</u>	d) a huge mass of ice which moves very slowly down a mountain valley
5. drought <u>H</u>	e) change in general weather conditions and patterns
6. wildfire <u>K</u>	f) when a species of plant or animal dies out, i.e. no longer has any living members
7. rising sea levels <u>C</u>	g) a thick layer of ice that sticks out over the sea like a shelf, found in Greenland and Antarctica
8. unpredictable <u>L</u>	h) a long period of time during which no rain falls
9. coastal flooding <u>J</u>	i) a thick layer of ice and snow that permanently covers an area of land in the areas around the North and South Poles
10. refugee crisis <u>B</u>	j) when an area near the sea is covered by large amounts of seawater
11. climate change <u>E</u>	k) a fire that starts in a wild area such as a forest and spreads rapidly causing great damage
12. extinction <u>F</u>	l) when it is not possible to know what will happen

## Answer Key

### C. Collocations

Match the verbs on the left with the phrases on the right to create meaningful collocations. Do you know what they all mean?

#### The Possible Solutions to Global Warming

- |               |          |   |
|---------------|----------|---|
| 1. address    | <u>I</u> | a) the amount of carbon dioxide in the atmosphere                               |
| 2. use        | <u>E</u> | b) the way we live  |
| 3. drive      | <u>L</u> | c) your part for the sake of future generations                                 |
| 4. take       | <u>K</u> | d) the film <i>An Inconvenient Truth</i>  |
| 5. invest in  | <u>G</u> | e) more efficient appliances  |
| 6. reduce     | <u>A</u> | f) a difference   |
| 7. slow down  | <u>H</u> | g) renewable sources of energy (e.g. solar, wind)                               |
| 8. play       | <u>C</u> | h) the effects of global warming  |
| 9. choose     | <u>B</u> | i) the issue of global warming  |
| 10. make      | <u>F</u> | j) the website <a href="http://www.climatecrisis.net">www.climatecrisis.net</a> |
| 11. watch     | <u>D</u> | k) mass transit more frequently   |
| 12. check out | <u>J</u> | l) smaller cars that get higher mileage   |

*\* Other answers may be possible, but the model answers above can all be found in Text A.*