

## Digging In

### Comprehension

I. Answer the questions according to the text you have read.

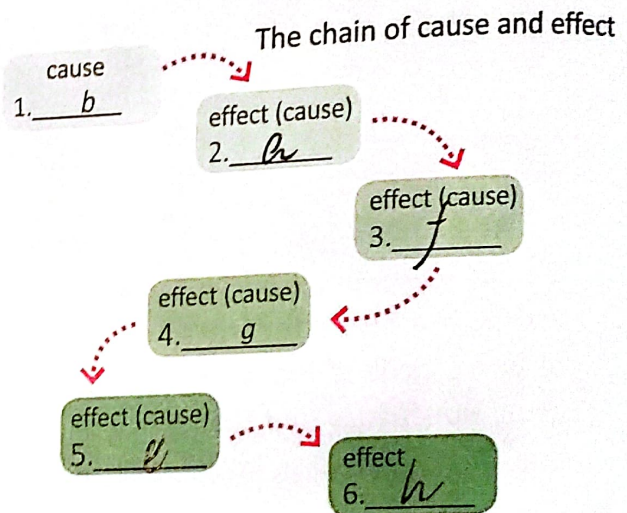
- Who is the "villain" in the atmosphere? *CO<sub>2</sub>*
- Why will Manhattan streets eventually be deep under water, according to the author? *sea level is rising*
- There are some short paragraphs (e.g. Paras. 1, 4, and 7) in the text. What functions do they serve? *connect the paragraph*
- What do you think is the author's purpose in writing this passage? *appeal to people to protect the environment*

### Reading Strategy

### Understanding the chain of cause and effect

II. Tick what has been mentioned in the text, and then complete the chain of cause and effect.

- ☐ a. greenhouse effect
- ☒ b. carbon dioxide
- ☐ c. oxygen
- ☐ d. urban heat island effect
- ☒ e. the rising sea level
- ☒ f. increased temperature
- ☒ g. the melting of ice caps
- ☒ h. the flooding of low-lying areas
- ☐ i. changeable weather
- ☐ j. hydrogen



III. Complete the sentences corresponding to the diagram with one word for each blank.

- In the daytime, *sunlight* travels through miles of the *atmosphere* to warm the *earth's surface*.
- At night, *radiating heat* is sent into space, which cools the earth.
- Because of the existing carbon dioxide in the atmosphere, the *radiation* tends to be blocked, and \_\_\_\_\_ is lost at night.

