

Name _____

Instructions: In the first row, write what you already know about the topic. In the second row, write what you would like to know. After you finish reading, fill in the third row with what you learned, and the fourth row with what you still want to know.

What I know
What I want to know
What I learned
What I still want to know

WHAT DO YOU THINK ABOUT CLIMATE CHANGE? • LEVEL Y • 1

SKILL: KWLS/ASK AND ANSWER QUESTIONS

Name _____

Instructions: Write cause-and-effect relationships in the correct boxes below.

Cause



Effect

Cause



Effect

Cause



Effect

WHAT DO YOU THINK ABOUT CLIMATE CHANGE? • LEVEL Y • 2

SKILL: CAUSE AND EFFECT


Name _____

Instructions: The sentences below are taken from *What Do You Think About Climate Change?* Read each sentence and add parentheses in the correct location. Then, on the lines provided, write whether the parentheses were added to *clarify* or to *add* more information.

- ① Meteorologists scientists who study the weather have kept careful records of Earth's surface temperatures since the mid-1800s. _____
- ② Near the South Pole, satellite photos show that both sea ice and ice sheets ice covering land in western Antarctica are melting. _____
- ③ When these substances are burned for fuel or energy, carbon dioxide gas and other gases are released into the atmosphere air. _____
- ④ Because this process acts like a greenhouse a building in which special glass walls trap heat to warm plants inside, it is called the greenhouse effect. _____
- ⑤ Humans began burning fossil fuels in large amounts when industrialization use of power-driven machinery became widespread in the mid-1800s. _____
- ⑥ In Europe, the climate cooled between the "Medieval Warm Period" about 1100 to 1300 and the "Little Ice Age" about 1400 to 1800. _____
- ⑦ Also varying over time is the shape of Earth's orbit around the Sun and the angle of the tilt that Earth makes on its axis the imaginary line about which Earth spins. _____
- ⑧ Among such diseases are malaria, dengue a disease that causes fever and pain, and lung infections. _____
- ⑨ Both the federal government and state governments in the United States are working to reduce emissions releases of greenhouse gases in other ways. _____
- ⑩ The U.S. government also gives grants awards of money to scientists to help them study "renewable" ways of producing energy. _____

Name _____

Instructions: Below are words taken from *What Do You Think About Climate Change?* Cut along the dotted lines to separate the boxes. Then move the boxes around on a flat surface to arrange the words in alphabetical order and glue them onto another sheet of paper.

atmosphere	ice ages	glaciers	ice shelf
orbit		global warming	
geothermal		computer models	
ice sheets		fossil fuels	
climate		atmospheric	
ice cores		greenhouse gases	photosynthesize
photosynthesis	species	communities	greenhouse effect