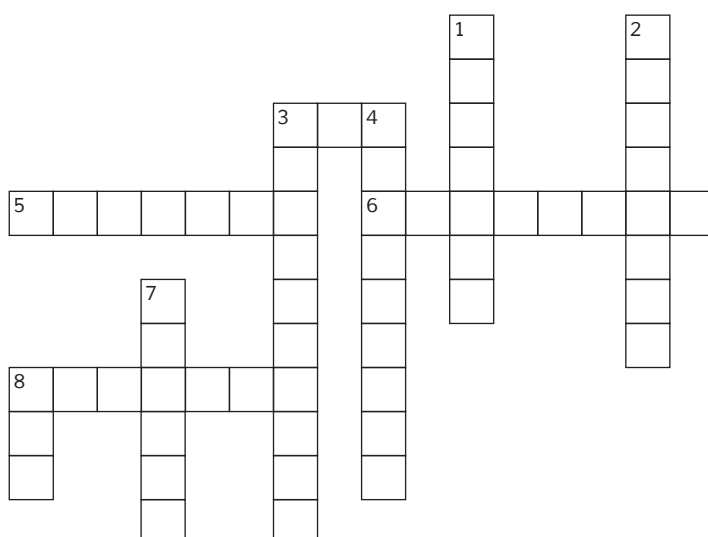


Name: _____

1 Commas are often used after a time element at the beginning of a sentence. Use a highlighter to shade the time element at the beginning of each sentence. Then punctuate each sentence with a comma. The first one has been done for you.

- a **From ancient times,** people have thought of ways to collect water and move it to places where it is needed.
- b Today modern methods of moving water make it possible to supply big cities with enough water for millions of people.
- c For thousands of years water has been used for irrigation.
- d In ancient times the Nile River regularly flooded the Nile River Valley.

2 Complete the following crossword using the clues.



Across

3. Solid water
5. Slow-moving mass of ice and snow
6. Underground pool of water
8. Water too small to see

Down

1. Used by Egyptian farmers
2. Water changes from vapour to liquid
3. Moving water through canals or ditches
4. Water changing from liquid to gas
7. Water appearing as a gas
8. To trap water

3 On a separate piece of paper, sketch a diagram of the water cycle. Sequence the following text boxes and add them to your diagram. Highlight the technical words and construct a glossary on the back of your diagram.

Warm winds carry the water vapour higher, where it meets cooler air.

The water in the ocean and on land is warmed by the sun. The water at the surface evaporates and becomes water vapour.

Drops of rain fall on the land and ocean.

The water vapour rises into the air.

When the droplets become heavy enough, they fall to Earth as drops of rain. The rain falls on land, in rivers, lakes, dams and oceans.

The vapour attaches to smoke, dust, or salt crystals. The vapour cools and condenses, and forms tiny droplets that combine with many other droplets to form a cloud.

Name: _____

- 1 Cloud-seeding is an interesting idea that scientists invented to increase rainfall in dry areas. Select appropriate words from the box below to complete the explanation of how cloud-seeding works.

*combine weather heavy chemical formula air
bits rain blocks jump stick large storm
water particles clouds attach*

When a _____ comes through an area, a _____ called silver iodide is released into the _____ from the ground or from planes. Silver iodide forms tiny _____, similar to ice crystals. The water droplets in the clouds _____ to the particles, then _____ with other droplets and eventually become _____ enough to fall out of the cloud as _____.

- 2 Chapter 7, 'Water for Electricity', discusses some important ideas and concerns about hydroelectricity. Fill in the grid below with the ideas and concerns you discovered.

Problems and negative ideas	Interesting thoughts	Positive ideas and solutions

- 3 Use your dictionary and the book to complete the following word-building activity. The first line has been completed for you.

Page	Base word	Noun	Past tense	Present tense
15	purify	purification	purified	purifying
15	irrigate			
16		evaporation		
18		estimation		
21	create			
22		pollution		
27		management		
29		installation		
30	conserve			

Looking back and making connections

Revisit the table on page 18, the column graph on page 17 and the pie chart on page 28. On the back of this page, write 10 true statements about water using information from these sources.