

## UNIT OVERVIEW

The “*Air and Water*” unit focuses on the air and water in our environment. Children complete different discovery activities. The “*Air and Water*” unit is divided into four sections. The first section contains a set of lesson plans for the teacher. Details are provided for the activities that the children participate in during each lesson. The second section provides a fact card on air, a fact card on water, and twelve discovery cards. The majority of the lessons center around the fact cards and discovery cards. The discovery cards enable the children to learn about different aspects of air and water. The third section of this unit contains a student booklet in which children can record their findings and discoveries. The final section includes a vocabulary match game and a science fair project planning outline that are used during the lessons of the unit. In addition, other activities are included to reinforce what the children learn throughout the “*Air and Water*” unit.

A display of books about air and water should be set up somewhere in the classroom. Children then refer to these books as they complete the different activities about air and water. They are also encouraged to read these books in their spare time and during silent reading.

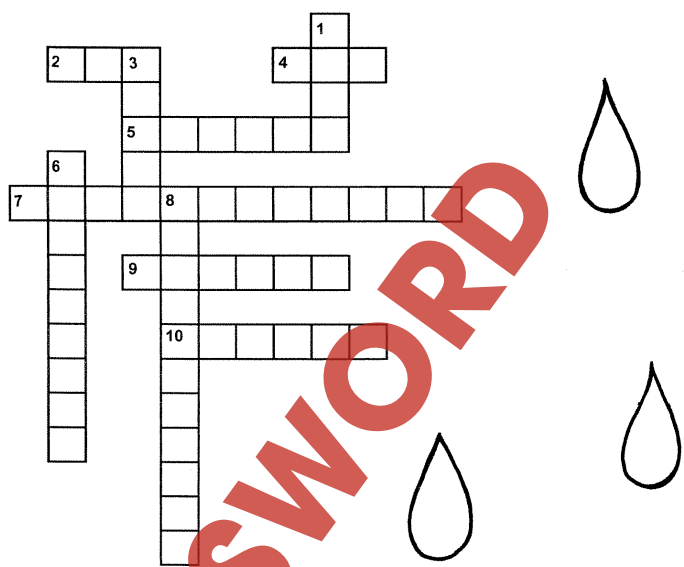
## LEARNING OBJECTIVES

Throughout the unit on air and water, children learn about:

- the role of air in our environment
- the air cycle
- wind and the role it plays in our lives
- plants and how they help us live
- weather vanes
- air pollution
- the role of water in our environment
- the water cycle
- evaporation and condensation of water
- rain gauges
- water pollution.



### CROSSWORD PUZZLE



**ACROSS**

- 2 Water vapour is a \_\_\_\_\_.
- 4 \_\_\_\_\_ is found all around us.
- 5 Water is a \_\_\_\_\_.
- 7 \_\_\_\_\_ occurs when water vapour turns to water.
- 9 We breathe out \_\_\_\_\_ dioxide.
- 10 We breathe in \_\_\_\_\_.

**DOWN**

- 1 \_\_\_\_\_ is moving air.
- 3 Ice is a \_\_\_\_\_.
- 6 \_\_\_\_\_ makes our air and water unclean.
- 8 \_\_\_\_\_ occurs when water turns to water vapour.

### WORD SEARCH PUZZLE



- |              |             |                |
|--------------|-------------|----------------|
| condensation | evaporation | carbon dioxide |
| pollution    | air         | wind           |
| ice          | vapour      | oxygen         |
|              | water       |                |

### UNIT TEST

A. Write the meaning of the following words:

air \_\_\_\_\_

\_\_\_\_\_

wind \_\_\_\_\_

\_\_\_\_\_

pollution \_\_\_\_\_

\_\_\_\_\_

condensation \_\_\_\_\_

\_\_\_\_\_

evaporation \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### UNIT EVALUATION

Three things that I have learned about air and water are:

1. \_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

One thing I liked about this unit was:

1. \_\_\_\_\_

\_\_\_\_\_

One thing I disliked about this unit was:

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_