



# INDIAN SCHOOL AL WADI AL KABIR

DEPARTMENT OF EVS [2023 – 2024]

LESSON: BLOW HOT AND BLOW COLD

WORKSHEET-2

RESOURCE PERSON: MS. BIBI KHUTEJA

NAME: \_\_\_\_\_ CLASS: V SEC: \_\_\_\_\_ DATE: \_\_\_\_\_

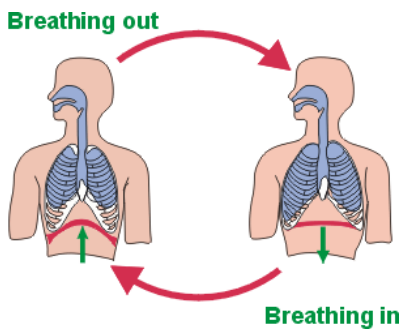
### I. Fill in the blanks to complete the sentences.

1. We need \_\_\_\_\_ to live. (carbon dioxide/oxygen)
2. The two bronchi are connected to the \_\_\_\_\_. (lungs/nostrils)
3. The muscles of the \_\_\_\_\_ and \_\_\_\_\_ help in breathing in and breathing out. (chest/ stomach/ diaphragm)

### II. Pick out the odd one out from the given set of words, based on their relation to the lesson.

- a) windpipe                  nasal passage                  oesophagus                  bronchus
- b) oxygen                  carbon dioxide                  water vapour                  chlorine

### III. Observe the diagram given below. Based on your understanding of the diagram, compare the process of Inhalation and Exhalation.



	INHALATION (BREATHING IN)	EXHALATION (BREATHING OUT)
Ribcage		
Diaphragm		
Chest		

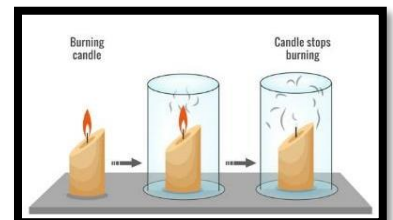
### IV. An experiment was set up by placing a burning candle. A large graduated cylinder was inverted on it. The burning candle gets extinguished. Why?

Ans: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**V. Complete the flowchart based on the processes of Breathing In and Out.**

1. We breathe in (inhale) air through the \_\_\_\_\_



2. The air passes through the \_\_\_\_\_, \_\_\_\_\_ and bronchi to reach the \_\_\_\_\_



3. When the air reaches the lungs, the \_\_\_\_\_ present in it enters the \_\_\_\_\_



4. \_\_\_\_\_ and \_\_\_\_\_ to be breathed out is brought back to the \_\_\_\_\_ by the blood (deoxygenated blood).



5. We breathe out (exhale) unwanted \_\_\_\_\_ and \_\_\_\_\_ from the lungs.

**VI. Write the letter of the word or phrase from the word bank given below that corresponds to the answer for questions 1-5.**

1. What does "Breathing out" mean? \_\_\_\_\_
2. What happens to the chest when you inhale? \_\_\_\_\_
3. The presence of this gas in the air helps in the complete burning of the fuel. Name it. \_\_\_\_\_
4. Mention the waste products you breathe out. \_\_\_\_\_
5. The system responsible for taking in oxygen and removing carbon dioxide from the body. \_\_\_\_\_

**Word Bank**

- A. expands
- B. Respiratory system
- C. carbon dioxide and water vapour
- D. exhalation
- E. oxygen

**BREATHE WELL!**

**STAY SAFE!**