

How we breathe:

- We take in air through nostrils, which lead to nasal cavity or nasal passage. As it passes, it becomes warm and gets moistened due to mucus. Dust and other particles present in air get trapped in mucus.
- Then warm air passes into a short tube called pharynx.
- From there it goes into trachea or windpipe.
- Trachea branches into two thinner tubes called bronchi, that enter the lungs.
- After entering into lungs, bronchi divide into smaller tubes called bronchioles.
- Air passes through bronchioles and finally enters tiny air sacs called alveoli(singular alveolus).
- There is a very fine mesh of blood vessels surrounding each alveolus. The oxygen of the air in the alveoli passes through this blood vessels .

Respiratory organs in some other organisms

Spiracles: Insects like Cockroach have a very small opening or hole called spiracles on their sides. Air enters through these holes and reaches all parts of the body through a network of thin tubes called trachea or breathing tubes.

Skin: Animals like frog, earthworms use their skin to breathe. Oxygen passes in and Carbon dioxide passes out through skin. Skins are generally moist and slippery.

Frogs also have lungs.