**The Respiratory System**

**Overall Function**: To carry \_\_\_\_\_\_\_\_\_ to and remove \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ from the blood.

* The process of taking in oxygen and releasing carbon dioxide is called \_\_\_\_\_ \_\_\_\_\_\_\_\_\_.
* Gas exchange occurs in your \_\_\_\_\_\_\_\_\_\_\_\_\_\_.



* Gas exchange occurs between the \_\_\_\_\_\_\_\_\_\_ and the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Alveoli are tiny air sacs in the lungs. Alveoli are surrounded by a network of tiny blood vessels called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.



* Oxygen (O2) from the air you breathe in is taken up by the \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_ flowing through the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Carbon Dioxide (CO2) is released by the red blood cells and enters the alveoli. This air is then \_\_\_\_\_\_\_\_\_\_\_\_\_\_.