

Write the following notes neatly in your Social Subjects notebook.

Name: _____

Monday 4th October 2021

Science

Respiratory System

The respiratory system is responsible for taking air into the body as we breathe. The parts of the respiratory system are the *nose*, *windpipe*, *lungs* and *diaphragm*. Air enters the body through the nose or mouth, then travels down the **windpipe or trachea** into the lungs. In the lungs, the air goes into air sacs called **alveoli**. The alveoli are at the end of the tiny air tubes. As blood passes through the lungs, it gives out carbon dioxide and takes in oxygen. The *respiratory system* works along with the *circulatory system* during respiration.

The dome shape muscle used in breathing is called the **diaphragm**. It is located at the bottom of the lungs. When we inhale or breathe in, the diaphragm contracts or moves downward. When

we exhale or breathe out, the diaphragm relaxes and moves upward.