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

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

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