

## How body systems work together

1. The \_\_\_\_\_ is where the food is processed so that we can have energy. First, the food goes in through our mouth, is chewed and goes down through the \_\_\_\_\_ all the way to the \_\_\_\_\_. There the food breaks down and it goes towards the \_\_\_\_\_. In the small intestine, vitamins, minerals, proteins, carbohydrates, and fats are absorbed. What is left goes towards the \_\_\_\_\_ where water is absorbed. Finally, the waste that is left leaves our body through the \_\_\_\_\_.

2. The \_\_\_\_\_ is where we get our oxygen from and get rid of the carbon dioxide. First, the air is breathed in through our \_\_\_\_\_ or \_\_\_\_\_. Then it goes down the pharynx and \_\_\_\_\_. It arrives to two big tubes called \_\_\_\_\_ and it finally arrives to the \_\_\_\_\_ where the \_\_\_\_\_ help us with gas exchange so that \_\_\_\_\_ goes to our cells and \_\_\_\_\_ leaves our body.

3. The \_\_\_\_\_ is in charge of transporting oxygen, carbon dioxide, nutrients and wastes through all our body. First, the blood comes in through the \_\_\_\_\_ into the right \_\_\_\_\_ from the body, moves into the right \_\_\_\_\_ and is pushed into the \_\_\_\_\_ towards the lungs. After picking up oxygen, the blood travels back to the heart through the \_\_\_\_\_ into the left \_\_\_\_\_.

to the left \_\_\_\_\_ and out to the body's tissues through the \_\_\_\_\_.

4. The \_\_\_\_\_ and the \_\_\_\_\_ systems work together because the first absorbs nutrients from food and the second delivers them to the cells.

5. The \_\_\_\_\_ and the \_\_\_\_\_ systems work together because the first takes oxygen in and carbon dioxide out and the second delivers oxygen to the cells and transports carbon dioxide to the lungs.

6. All systems need the \_\_\_\_\_ that the respiratory system takes in.

7. All systems need the \_\_\_\_\_ that the digestive system absorbs using the small intestine.

8. All systems need to get rid of the \_\_\_\_\_ that the respiratory system takes out.

9. All systems need the \_\_\_\_\_ that the digestive system absorbs using the large intestine.

10. All systems need \_\_\_\_\_ because each one has an important and unique role in our body.