# 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 brakes 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 _____.

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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.

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