

# Lesson 2 Introduction Human Respiratory System

Name: .....

Date: .....

Fill in the blanks with the correct word or phrase from the word bank below.  
.....

oxygen

water vapour

cellular

carbon dioxide

nitrogen

removed

.....

Air is made up of several gases, including \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

Oxygen is the most important gas for our bodies because it is necessary for \_\_\_\_\_ respiration, which is how our cells produce energy.

Carbon dioxide is a waste gas produced by our cells that needs to be \_\_\_\_\_ from our bodies.



# Lesson 2 Introduction Human Respiratory System

Name:

.....

Date:

.....

Fill in the blanks with the correct word or phrase from the word bank below.

.....

nose

mouth

lungs

windpipe

bloodstream

.....

The respiratory system is made up of several parts, including the \_\_\_\_\_, pharynx, larynx, \_\_\_\_\_, bronchi, and \_\_\_\_\_.

Each part has a specific function that helps us breathe. In this lesson, we will be focusing on the \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

When we breathe in, air enters through our \_\_\_\_\_ or \_\_\_\_\_ and travels down the \_\_\_\_\_, which leads to the \_\_\_\_\_.

Once in the lungs, the oxygen is transferred to the \_\_\_\_\_ and the carbon dioxide is removed. When we breathe out, carbon dioxide is expelled from our bodies.

# Lesson 2 Introduction Human Respiratory System

Name: .....

Date: .....

Fill in the blanks with the correct word or phrase from the word bank below.  
.....

breathe

pH

waste

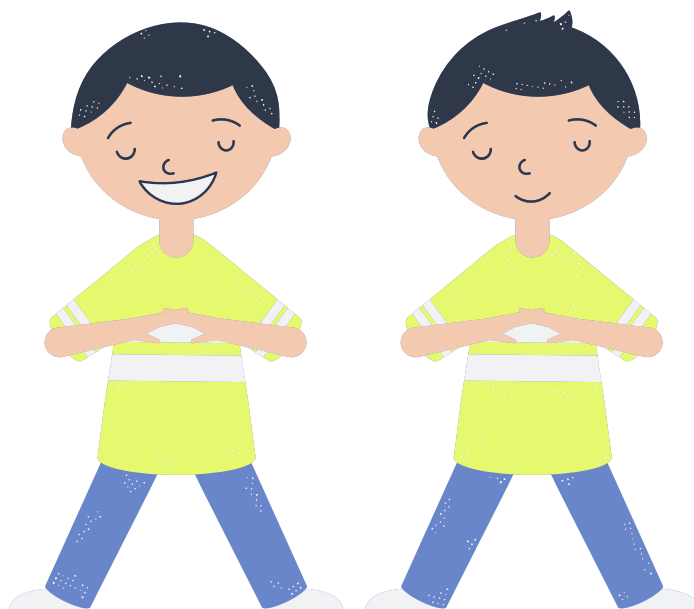
oxygen

carbon dioxide

.....

The respiratory system is important because it allows us to \_\_\_\_\_ and get the \_\_\_\_\_ we need for our cells to produce energy.

It also helps to remove \_\_\_\_\_, which is a \_\_\_\_\_ product that can be harmful if it builds up in our bodies. The respiratory system also plays a role in maintaining our body's \_\_\_\_\_ balance.



# Lesson 2 Introduction Human Respiratory System

## Answer

Air is made up of several gases, including **nitrogen**, **carbon dioxide**, **oxygen**, and **water vapour**.

Oxygen is the most important gas for our bodies because it is necessary for **cellular** respiration, which is how our cells produce energy.

Carbon dioxide is a waste gas produced by our cells that needs to be **removed** from our bodies.

The respiratory system is made up of several parts, including the **nose**, pharynx, larynx, **windpipe**, bronchi, and **lungs**.

Each part has a specific function that helps us breathe. In this lesson, we will be focusing on the **nose**, **windpipe**, and **lungs**.

When we breathe in, air enters through our **nose** or **mouth** and travels down the **windpipe**, which leads to the **lungs**.

Once in the lungs, the oxygen is transferred to the **bloodstream** and the carbon dioxide is removed. When we breathe out, carbon dioxide is expelled from our bodies.

The respiratory system is important because it allows us to **breathe** and get the **oxygen** we need for our cells to produce energy.

It also helps to remove **carbon dioxide**, which is a **waste** product that can be harmful if it builds up in our bodies. The respiratory system also plays a role in maintaining our body's **pH** balance.