



GRADE  
8

# Biology

## The breathing system



Express Publishing

**Theme of the lesson:**

**Gas exchange. Breathing.**

# The objectives of the lesson:

You will understand mechanism of breathing.

1. respiration
2. lungs
3. inhalation
4. exhalation
5. trachea
6. diaphragm
7. alveoli
8. nose
9. bronchiole

## **Key terms**

**Gas exchange** - transfer of gases between the organism and environment;

**Lungs** -respiratory organ in the thorax used to breathe air;

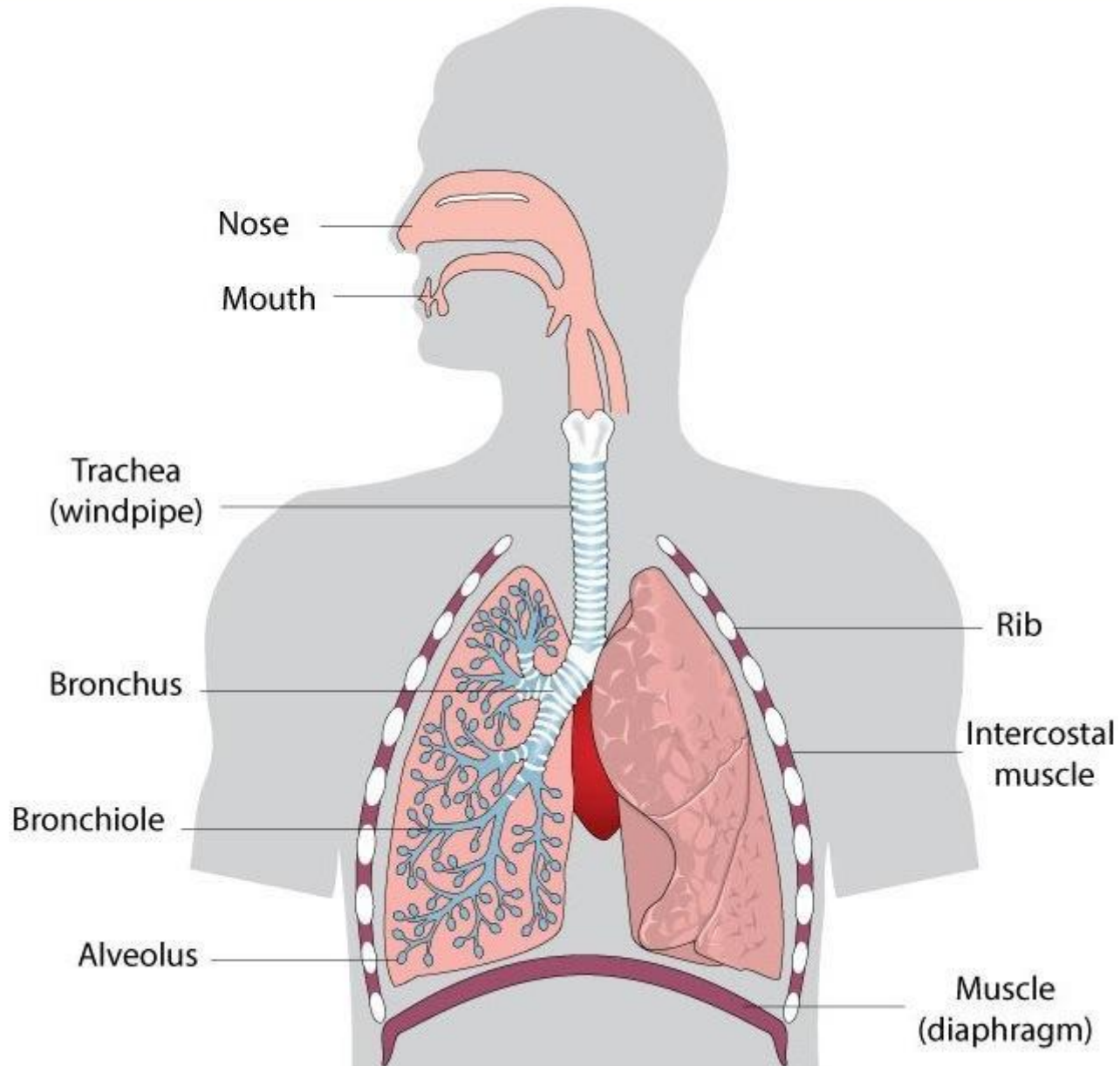
**Alveoli** - tiny air sacs within the lungs where the exchange of oxygen and carbon dioxide takes place.

**Breathing mechanism** - the process of inhalation and exhalation;

**Diaphragm** - dome-shaped muscle which helps respiration by separating thoracic and abdominal cavities;

**Intercostal muscles** (межреберные мышцы)- muscle groups that are located between the ribs.

<b>Term</b>	<b>Translation</b>	<b>Term</b>	<b>Translation</b>
<b>respiration</b>		<b>Trachea, windpipe</b>	
<b>lungs</b>		<b>bronchiole</b>	
<b>inhalation</b>		<b>nose</b>	
<b>exhalation</b>		<b>alveoli</b>	
<b>diaphragm</b>		<b>Intercostal muscles</b>	



# anagram

<b>anagram</b>	<b>word</b>	<b>translation</b>
1.spireration		
2.slung		
3.tinalahion		
4.anotihalex		
5.cheatra		
6.rhadigamp		
7.velaoli		
8.chibronole		

let's repeat new words 



1. respiration
2. lungs
3. inhalation
4. exhalation
5. trachea
6. diaphragm
7. alveoli
8. nose
9. bronchiole



Now back to the objectives of the  
lesson:

# The objectives of the lesson:

You understand mechanism of breathing.



# After this lesson I am...



1. great!



2. puzzled



4. discontented...



3. inspired!



5. enthusiastic



7. in love with English



6. tired



9. interested



8. frustrated



10. thankful

**Homework:**

**Learn  
the terms**