RESPIRATION

THE RESPIRATORY SYSTEM TAKES OXIGEN FROM THE AIR THAT WE BREATHE IN.OUR CELLS COMBINE THIS OXIGEN WITH OTHER NUTRIENTS TO PRODUCE ENERGY.DURING THIS PROCESS, OUR CELLS PRODUCE A WASTE GAS WHEN WE BREATHE OUT

When we breathe in, the air enters our nose and mouth.From there it passes into a long tube called trachea.

The trachea goes down into the chest and then it divides into two smaller tubes called bronchi

There is one main bronchus for each lung.Each bronchus divides into smallest ones are called bronchioles

At the end of each there tiny air sacs called alveoli. In total ,our lungs have about 600 millions alveoli. Each alveolus has thin walls covered by many tiny capillares that carry blood.

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When fresh air reaches the alveoli , there is a gas eschange.Oxigen passes through the walls f the alveoli and into the blood and into alveoli

When we breathe out, the aircarrying carbon dioxide leaves the alveoli through the bronchioles,bronch and trachea.This air finally leaves the body through the nose and mouth

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