




## 3.4.4 The Breathing System in the Human

### Self Assessment

#### Where is your learning at?

Green: I know it all  
 Orange: I have some idea – check the answers  
 Red: I need to start studying this section

	<b>CAN YOU</b>	<b>Green</b> 	<b>Orange</b> 	<b>Red</b> 
1	Draw and label the breathing system in humans			
2	Give the function of the parts: Nasal and buccal cavities, pharynx, epiglottis, glottis, larynx, trachea, bronchi, bronchioles, alveoli			
3	Explain the essential features of the alveoli and capillaries as surfaces over which gas exchange takes place			
4	Describe the mechanism of breathing -- how we inhale and exhale air			
5	Give the role of the diaphragm, the intercostal muscles and brain (exclude CO <sub>2</sub> , levels) in breathing			
6	Explain pressure changes in the thoracic cavity during breathing			
7	Outline gaseous exchange in alveoli			
8	Give the role of haemoglobin in oxygen transport			
9	Explain the source of the carbon dioxide that is in the plasma			
10	Explain why we exhale water vapour			
11	Explain one breathing disorder, e.g. from asthma and bronchitis			
12	Give possible causes of the disorder			
13	Describe prevention and treatment of the disorder			
14	Describe the experiment to show the effect of exercise on the breathing rate			