



Human Body Progress Check

Date
Name

	Learning Outcomes	✓😊	?😊	✗😞
1	I can state that a cell is the basic building block of the human body.			
2	I can draw a diagram of an animal cell and label the nucleus, cell membrane, and cytoplasm.			
3	I can describe the roles of the nucleus, cell membrane, and cytoplasm in an animal cell.			
4	I can use a microscope safely, and can identify the eyepiece lens, objective lens, stage, light, diaphragm, clips, condenser, and the coarse and fine focus.			
5	I can prepare and stain a microscope slide.			
6	I can draw a diagram of a plant cell and label the nucleus, cell membrane, cytoplasm, cell wall, chloroplasts and vacuole			
7	I can describe the roles of the nucleus, cell membrane, cytoplasm, cell wall, and chloroplasts in a plant cell.			
8	I can describe differences between plant cells and animal cells			
9	I can explain what is meant by the term 'specialised cell.' I can give examples of specialised cells and identify features that make them specialised.			
10	I can state that a group of similar cells is called a tissue.			
11	I can state that a group of tissues working together is called an organ.			
12	I can state that a group of organs working together is an organ system, and I can give examples of organ systems.			
13	I can explain that respiration is a chemical reaction that takes in cells, where oxygen reacts with glucose to produce carbon dioxide and water, and energy is released.			
14	* I can write a word equation to represent respiration			

15	I can state that the purpose of the respiratory system is to take oxygen in from the air for respiration, and to release carbon dioxide.			
16	I can identify the key parts of the respiratory system, and can describe the function of each one: mouth, nose, trachea, bronchi, bronchioles, alveoli			
17	* I can describe the gas exchange using my knowledge of diffusion, and can list some adaptations of the alveoli related to this.			
18	I can describe at least one respiratory disease, and list some treatments for it.			
19	I have carried out an experiment to compare lung capacity, and can describe how peak flow meters work to measure expelled air.			
20	I can identify the key parts of the circulatory system, and can describe the function of each one: heart, arteries, veins, capillaries.			
21	I can state that the purpose of the circulatory system is to transport gases and chemicals around the body.			
22	I can explain the difference between oxygenated and deoxygenated blood.			
23	* I can describe how gases diffuse from capillaries to cells.			
24	I can describe at least one disease that affects the circulatory system, and can list some treatments.			

In this topic I have successfully.....

To make further progress I should.....

Target: In the next topic I will.....