

Personalised Learning Checklist

Subject: Science

Year group: 7



Dear Student,

During the academy closure you have been set a number of tasks. The list below is the learning you should have completed. Your teacher will use the list to check your progress during this time. It may be used for short quizzes, mini assessments or homework. Where there are gaps your lessons will focus on improving your knowledge and understanding.

The Body

	Objective	My personal RAG rating (Red- do not understand, Amber- some understanding, Green- I am confident)			Teacher RAG rating
Body Structure	> The skeleton is made up of bones. It has four important functions; support, protect, movement and production of blood cells	RED	AMBER	GREEN	
	> Joints occur when 2 or more bones join together	RED	AMBER	GREEN	
	>Red and white blood cells are made in the bone marrow	RED	AMBER	GREEN	
	>cartilage in joints prevents bones rubbing together	RED	AMBER	GREEN	
Circulatory System	> The circulatory system is made up of the heart, arteries, veins, capillaries and blood.	RED	AMBER	GREEN	
	> The heart is a pump that ensures blood travels around the body carrying oxygen to all tissues	RED	AMBER	GREEN	
	> The heart will also pump blood without oxygen to the lungs	RED	AMBER	GREEN	
Digestion	> The organs of the digestive system include the mouth, oesophagus, stomach, small intestine and large intestine.	RED	AMBER	GREEN	
	>During digestion food is broken down through chemical and physical digestion	RED	AMBER	GREEN	
	>The structures in the digestive system are adapted to allow them to carry out their function	RED	AMBER	GREEN	
Respiratory System	>In gas exchange, oxygen and carbon dioxide move between the alveoli and the blood	RED	AMBER	GREEN	
	>Oxygen enters the body through the nose and mouth, it travels down the windpipe, through a bronchus then a bronchiole into and alveolus and then diffuses into the blood	RED	AMBER	GREEN	
	>Breathing occurs through the action of muscles in the ribcage and diaphragm	RED	AMBER	GREEN	
	>Changes in volume and pressure inside the chest move gases into and out of the lungs	RED	AMBER	GREEN	

