



What have I done previously in my learning journey?	
Previously....	<p>You have learnt previously about the skeletal system. This has involved:</p> <ul style="list-style-type: none"> Identifying that humans and some other animals have skeletons and muscles for support, protection, and movement. Introduction to the main body parts associated with the skeleton and muscles, finding out how different parts of the body have special functions. Identifying and grouping animals with and without skeletons and observing and comparing their movement
In this topic...	<p>You will learn more about the skeletal system. This will include:</p> <ul style="list-style-type: none"> The structure and functions of the human skeleton Function of muscles and their relationship with the skeleton Moments as the turning effect of a force

We will develop our learning by studying the following each lesson:	RAG	Skills in Science checklist
9B.19 The Human Skeleton <ul style="list-style-type: none"> Describe the structure functions of the human skeleton Describe the function of the skeleton, including support, protection, movement and making blood cells 		<input type="checkbox"/> Scientific Methods <input type="checkbox"/> Practical <input type="checkbox"/> Number skills <input type="checkbox"/> Application <input type="checkbox"/> Communication
9B.20 The Joints <ul style="list-style-type: none"> Describe the function of muscles Describe the interaction between skeleton and muscles. Explain how antagonistic muscles cause movement 		<input type="checkbox"/> Scientific Methods <input type="checkbox"/> Practical <input type="checkbox"/> Number skills <input type="checkbox"/> Application <input type="checkbox"/> Communication
9B.21 investigating Moments <ul style="list-style-type: none"> Describe moments as the turning effect of a force. Investigate how forces are exerted by different muscles, using moments. 		<input type="checkbox"/> Scientific Methods <input type="checkbox"/> Practical <input type="checkbox"/> Number skills <input type="checkbox"/> Application <input type="checkbox"/> Communication

Key Vocabulary

Moments	Force	Weight						

Future Learning	<p>At KS4, you will continue to learn about the skeleton system in PE, specifically:</p> <ul style="list-style-type: none"> The structure and functions of the Musculo-skeletal system
In careers	<p>There are many career opportunities within the field on anatomy. Anatomy is the study of the human body and the way it operates. Some career options include:</p> <ul style="list-style-type: none"> Forensic scientist - collect and examine certain pieces of evidence found at crime scenes, including fingerprints, blood stains and ballistic markings. Average salary is around £25,000 per year. Nurse - tend to the sick or injured. Their duties involve administering medicine to patients, preparing them for surgery or checking vital signs. Average salary is around £32,000 per year. Coroner – a coroner is a medical practitioner who examines dead bodies to determine the causes of death. Although there are no distinct medical qualification requirements for a coroner, extensive knowledge of anatomy and human biology is essential. Average salary is around £35,000 per year. Paramedic - paramedics are typically the first responders to medical emergencies. They respond to medical distress calls and deliver first aid treatment before taking injured people to the hospital. Average salary is around £36,650 per year. Radiologist - a radiologist examines and treats patients with sophisticated imaging tools to assess their condition and determine the most appropriate tests or scans before treatment. Average salary is around £58,746 per year. Surgeon - surgeons treat people with malignant or benign health conditions by performing high-risk operations on them. Average salary is around £78,000 per year.