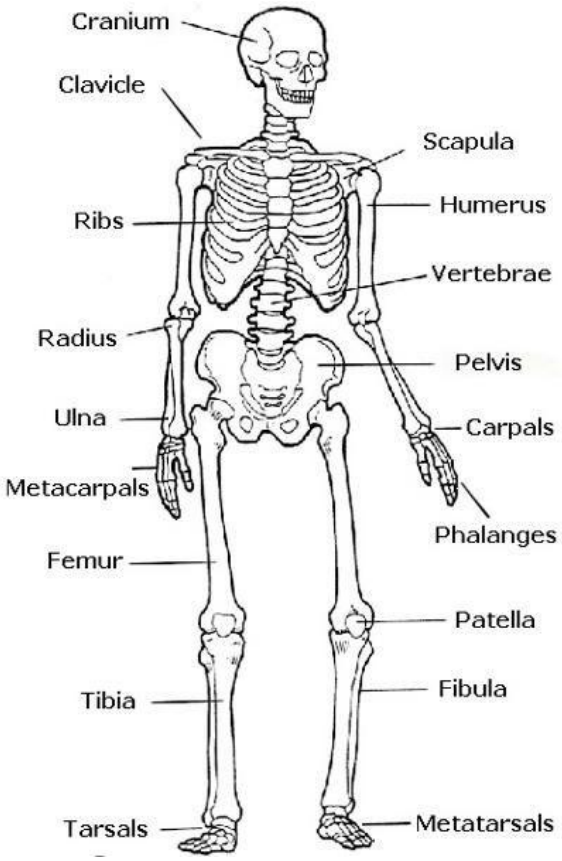
The Hermitage School – Science		
Topic: Animals including humans	**Year: 3**	**Autumn 2**

What should I already know?

· The names of key parts of the human body
· That our skeleton is made of many bones.
· Our heart, lungs and brain are kept safe inside our skeleton.

Scientific Skills and Enquiry

· Recording findings from enquiries
· Classifying animals and humans
· Asking relevant questions
· Using scientific evidence in work
· Make systematic and careful observations



What will I know by the end?

· Animals need the right type and amount of nutrition, and they can't make their own food; they get nutrition from what they eat.
· Humans and some animals have skeletons and muscles for support, protection and movement.
· Names and roles of different bones within the human skeleton.
· The difference between vertebrates and invertebrates, relating to their skeleton.
· How our muscles work in pairs.

Vocabulary

Diet - the kinds of food a person or animal eats.
Invertebrate—animals without a backbone.
Joints—where two or more bones join together and bend such as the knee, ankle, wrist and elbow.
Muscles — are attached to bones by tendons and allow joints to move. They work in pairs to move a joint.
Nutrients - substances in food important for life and growth, such as fat, protein, carbohydrate, vitamins and minerals.
Skeleton—the framework of bones inside our bodies which provide support and protection and help us move.
Vertebrate—animals that have a backbone inside their body. The major groups include fish, amphibians, reptiles, birds and mammals.

