St Bartholomew's Knowledge Organiser	Class 3	Spring 1 & 2 Science – Year B	Animals Incl Humans (Nutrition and Movement)

What we will learn:	Science Knowledge
In this unit you will learn to; ➤ Explain how living things obtain food ➤ Examining food groups and nutrient groups ➤ Compare and group animals by their diet ➤ Use knowledge of food groups and a balanced diet to design healthy meals by creating lifelike models of food on paper plates ➤ Identify the parts of the skeleton ➤ Identify and explain the three main functions of a skeleton ➤ Learn how muscles work in pairs and investigate the question 'Do people have stronger muscles because they use them more?' Make predictions, gather data, discuss, display and interpret findings	➤ Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food – they get nutrition from what they eat. ➤ Identify that humans and some other animals have skeletons and muscles for support, protection and movement.

Important Vocabulary	Working Scientifically
Nutrition, nutrients, carbohydrates, sugars, protein, vitamins, minerals, fibre, fat, water, skeleton, bones, muscles, support, protect, move, skull, ribs, spine, muscles, joints	➤ Ask relevant questions and use different types of scientific enquiries to answer them. ➤ Make systematic and careful observations. ➤ Gather, record, classify and present data in a variety of ways to help in answering questions. ➤ Record findings using simple scientific language, drawings and labelled diagrams. ➤ Use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions. ➤ Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions. ➤ Use straightforward scientific evidence to answer questions or to support findings - pattern seeking enquiry.