

Year 4 Progression map – Animals Including Humans:		
National curriculum objectives	HEP science lesson titles	Coherence:
<ul style="list-style-type: none"> describe the simple functions of the basic parts of the digestive system in humans identify the different types of teeth in humans and their simple functions construct and interpret a variety of food chains, identifying producers, predators and prey <p>Misconceptions: That humans are not animals That there is no need to brush baby teeth That saliva has no function That you need to be upright to digest food That the abdomen is the stomach That cows have 4 stomachs That all bacteria are bad</p>	<ol style="list-style-type: none"> Can we group animals by what they eat? Who eats what? Why are we born without teeth? Why doesn't the stomach eat itself? How big is the small intestine? Are all bacteria bad for us? <p>Working scientifically skills used:</p> <ul style="list-style-type: none"> Observe and classify different types of rocks Predict crystal size Conclusion crystal size Modelling parts of the digestive system Comparative testing tooth decay, digestion in the stomach <p>Key scientists and inventors:</p>	<p>Key vocabulary: carnivore, consumer, herbivore, omnivore, predator, prey, producer, food chain, microplastics, canines, enamel, incisors, molars, premolars, salivary glands, taste buds, umami</p> <p>English: Tier 3 vocab phonetically spelt, Reporting on findings, including oral and written explanations, story boards, text comprehension, summarising</p> <p>Maths: sequencing (food chains)</p> <p>Art: Design your own predator activity</p> <p>DT generate, develop, model and communicate ideas use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities</p>
Builds on:	Future learning:	Further reading:
<p>Year 2:</p> <ul style="list-style-type: none"> Simple food chains, Energy is not mentioned in the NC before KS3, however, the idea of cycles and nutrient cycling is touched on in KS2. 	<p>Year 3: Plants, Animals including Humans Year 4,5 & 6 Living things and their habitats Year 5 & 6 Animals including humans</p>	<p>Food chains: Who eats what 1 Sam Hutchinson Your Amazing Digestion from Mouth through Intestine (Your Amazing Body Books) Joanne Settel</p>

