



ALMOND HILL JUNIOR SCHOOL MEDIUM TERM PLAN

TOPIC TITLE/SUBJECT: Science-Animals Including Humans

YEAR GROUP: 4

TERM Summer 1

<p style="text-align: center;">Vocabulary</p> <p>Water, vitamins, minerals, carbohydrates, protein, skull, skeleton, tongue, teeth, food chain, muscles, oesophagus, large intestine, small intestine, stomach, canine, molar, incisor, premolar.</p>	<p style="text-align: center;">Skills</p> <p><u>Enquiry and working scientifically skills (LKS2)</u></p> <ul style="list-style-type: none"> Asks relevant questions Sets up simple enquiries, comparative and fair tests Makes systematic and careful observations Gather and record data accurately in a variety of ways. <p>Interpreting data.</p> <ul style="list-style-type: none"> Makes statements on findings from enquiries using simple scientific vocabulary, drawings, labelled diagrams etc. Report findings both in written and oral form. Use results to draw simple conclusions, making new predictions and raising further questions. Identifies difference, similarities or changes related to simple scientific ideas and processes (Pattern seeking) 	<p style="text-align: center;">What we already know</p> <p><u>KS1 – Knowledge Y2/A1</u></p> <ul style="list-style-type: none"> Basic needs of animals (water, air, food) Process of reproduction and growth Humans need to eat the right amount of different types of food Exercise for humans is important for a healthy body and mind. The importance hygiene - staying fit and clean <p><u>KS2 – Knowledge and Skills</u></p> <ul style="list-style-type: none"> Y3/Sp – AIH - Different parts of the human body and their functions, food groups, skeletons and muscles, differences and similarities in the diets of humans and animals
<p>Application/ Outcomes</p> <ul style="list-style-type: none"> identify and name a wider range of body parts, including some internal organs (large intestine, small intestine, brain, lungs, heart, stomach, oesophagus) describe the role of each organ in the digestive system identify the different types of teeth in humans and their simple functions Investigate the effects on sugar on teeth Interpret and construct food chains Compare teeth of humans and animals, considering implications on their diets. 		<p>Concepts</p> <ul style="list-style-type: none"> Teeth are part of the human body and play a vital role in the preparation of food for the digestion process. The body contains ‘organs’ – each of which plays a different role in keeping humans healthy Animals get required nutrients and energy from food Humans have baby teeth and then adult teeth
<p>Other/Cross Curricular Links</p> <p>PSHCE – How do we stay healthy? The effect of cigarettes, sugar on teeth</p> <p>PSHE – Staying healthy</p>		<p>Adaptation for SEND</p> <p>Differentiated worksheets</p> <p>Images and pictures used to decrease need for writing</p> <p>Worksheets produced to decrease page organisation</p>