



ALMOND HILL JUNIOR SCHOOL MEDIUM TERM PLAN

TOPIC TITLE/SUBJECT: Science – Living things and their habitats

YEAR GROUP: 6

TERM: Spring

<div><div>Vocabulary</div><div>species algae bacteria classification fungi invertebrate micro-organism taxonomy vertebrate virus Linnaeus habitat yeast reaction</div></div>	<div><div>Skills</div><div>Enquiry and working scientifically skills (UKS2)</div><div><div><div>plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary</div><div>take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate</div><div>record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs</div><div>use test results to make predictions to set up further comparative and fair tests</div><div>report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations</div><div>identify scientific evidence that has been used to support or refute ideas or arguments.</div></div></div></div>	<div><div>What we already know</div><div>As part of their general knowledge, some children may know some basic concepts about this unit including...</div><div><div><div>germs can spread by touching (hands or surfaces)</div><div>Scientists from many years ago made discoveries which are still evolving, and we are learning more about today.</div></div></div><div><div>KS2 knowledge</div><div><div><div>Y3/Sp – What is an invertebrate/vertebrate?</div><div>Y4/Su2 – Living things and their habitats – Living things can be grouped in different ways/explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment</div></div></div></div></div>
<div><div>Illustration/Outcomes</div><div><div><div><div><div>Bacteria investigation</div><div></div></div></div><div><div>Sorting and classifying</div><div></div></div><div><div>Microbe information poster</div><div></div></div><div><div>Outdoor learning: create own classification system in local environment</div><div></div></div><div><div>Research into Carl Linnaeus: Scientist famous for taxonomy – identifying, naming and classifying organisms</div><div></div></div></div></div></div>	<div><div>Concepts</div><div><div><div>Microorganisms: Micro – too small to be seen with naked eye, Organism – single cell life form</div><div>Microorganisms are everywhere and live in bodies, air, water and surfaces.</div><div>There are so many species of living things ‘classification systems’ are needed</div><div>Many species are yet to be discovered</div><div>Some microbes are helpful, and others are harmful</div></div></div></div>	

Other/Cross -Curricular links with English/Maths/Adaptation for SEND

SEND – (word banks, differentiated tasks, adult support, use of Ipads for research etc)

Maths – use of a range of tables and keys to record and classify

