

## Knollmead Primary School

### Curriculum Overview Year 3 - Summer Term

	Summer 1	Summer 2
Cornerstones Topic	Predator!	Tremors
Memorable Experience	Birds of prey talk in school?	Visit to the Natural History Museum in London
Geography, History, Art and DT	<p>ICT</p> <p><u>-To be able to use search engines to research key information about insect predators</u></p> <p>Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</p> <p>Science</p> <p><u>-To be able to understand why predators kill other animals and to show this in a food chain</u></p> <p>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.</p> <p><u>-To be able to research aquatic predators and present findings</u></p> <p>Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.</p> <p>Art &amp; Design</p> <p><u>-To be able to sketch a bird of prey in flight</u></p> <p>Improve their mastery of art and design techniques,</p>	<p>Geography</p> <p><u>-To be able to identify how different types of rocks are used in the local area</u></p> <p><u>-Use models and diagrams to find out about the Earth's layers</u></p> <p><u>-To be able to find out what causes a volcano to erupt</u></p> <p>Describe and understand key aspects of physical geography, including: volcanoes and earthquakes</p> <p>History</p> <p><u>-To be able to use evidence to identify what happened during the Pompeii eruption</u></p> <p><u>-To be able to understand what Roman life was like before the Pompeii eruption</u></p> <p>Learn about the Roman Empire and its impact on Britain</p>

	<p>including drawing, painting and sculpture with a range of materials</p> <p>D&amp;T  <u>-To be able to design and create a collage of a favourite predator, using appropriate materials</u>  Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.</p>	
Express	Invite parents in to view children's work	Invite parents in to view children's work and pictures of memorable experience
English	<p><b>Visual Literacy - Jurassic World</b>  Narrative descriptions  Story writing  Writing in role  <b>Literature Festival- I Don't Like Poetry (Joshua Seigal)</b>  Poetry  Story writing</p>	<p><b>Power of Reading- Pebble in my Pocket (Meredith Hooper)</b>  Poetry  Story maps  Fact files  Instructions  Writing in role  Narrative descriptions  Book making  Diary entry</p>
Spelling, punctuation and grammar	<p>-Use further prefixes [super-, anti-, auto-] and suffixes [-ation, -sion, -ous, -er] and understand how to add them  -Place the possessive apostrophe accurately in words with regular plurals  -Use the first two or three letters of a word to check its spelling in a dictionary  -Choose nouns or pronouns appropriately for clarity and cohesion and to avoid repetition</p>	<p>-Extend the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although  -Use conjunctions, adverbs and prepositions to express time and cause  -Use fronted adverbials [for example, Later that day, I heard the bad news.]  -Use of commas after fronted adverbials</p>

	<p>-Use the present perfect form of verbs instead of the past tense [he has played instruments for 5 years]</p>	<p>-Use noun phrases expanded by the addition of modifying adjectives, nouns and prepositional phrases -Use and punctuate direct speech</p>
<p>Maths</p>	<p><b>Number: Multiplication and Division</b>          -Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables          -Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods          -Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects</p> <p><b>Fractions</b>          -Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10          -Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators          -Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators          -Recognise and show, using diagrams, equivalent fractions with small denominators</p> <p><b>Geometry</b>          -Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them          -Recognise angles as a property of shape or a description</p>	<p><b>Fractions</b>          -Add and subtract fractions with the same denominator within one whole [for example, <math>5/7 + 1/7 = 6/7</math> ]          -Compare and order unit fractions, and fractions with the same denominators          -Solve problems that involve all of the above</p> <p><b>Measurement</b>          -Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)          -Measure the perimeter of simple 2-D shapes          -Add and subtract amounts of money to give change, using both £ and p in practical contexts          -Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks          -Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight          -Know the number of seconds in a minute and the number of days in each month, year and leap year          -Compare durations of events [for example, to calculate the time taken by particular events or tasks]</p> <p><b>Statistics</b>          -Interpret and present data using bar charts, pictograms and tables          -Solve one-step and two-step questions [for example 'How many more?' and 'How many fewer?'] using information</p>

	<p>of a turn</p> <ul style="list-style-type: none"> <li>-Identify right angles, recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn; identify whether angles are greater than or less than a right angle</li> <li>-Identify horizontal and vertical lines and pairs of perpendicular and parallel lines</li> </ul>	presented in scaled bar charts and pictograms and tables
Science	<p><b>Can You See Me?</b></p> <ul style="list-style-type: none"> <li>-To explore how we need light to see things and why some things are easier to see than others</li> <li>-To investigate how different objects reflect different amounts of light</li> <li>-To explain how a mirror works and describe how images in mirrors may look 'different'</li> <li>-To identify how shadows are formed</li> <li>-To identify what affects the shape of a shadow</li> <li>-To investigate how to change the size of a shadow</li> </ul> <p><u>Working Scientifically</u></p> <ul style="list-style-type: none"> <li>- Setting up simple practical enquiries, comparative and fair tests</li> <li>- Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions</li> <li>-Using results to draw simple conclusions, make predictions for new values</li> <li>-Identifying differences, similarities or changes related to simple scientific ideas and processes</li> </ul>	<p><b>Rock Detectives</b></p> <ul style="list-style-type: none"> <li>-To examine different rocks in order to describe, compare and contrast their properties</li> <li>-To sort rocks according to their properties using a key</li> <li>-To recognise where and how rocks are used and explain how their properties make them suitable for their purpose</li> <li>-To test and compare rocks to identify which is the hardest</li> <li>-To find out which rocks are waterproof</li> <li>-To investigate how rocks change over time</li> </ul> <p><u>Working Scientifically</u></p> <ul style="list-style-type: none"> <li>-Recording findings using drawings and labelled diagrams</li> <li>- Asking relevant questions and using different types of scientific enquiries to answer them</li> <li>-Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions</li> <li>-Using straightforward evidence to answer or to support their findings</li> <li>-Setting up simple practical enquiries, comparative and fair tests</li> </ul>
Computing	Networks and the Internet	Kodu (programming)
Music	African Drumming	African Drumming

French	Months of the year Days of the week Birthdays and dates	Food and drink items Ordering food Cultural links: food and drink items
PE	Swimming Athletics	Swimming Rounders
RE	Judaism	Our Community: special people/special places/special times
PSHE	Going for Goals	Going for Goals