

River Bank Primary Knowledge Organiser	Year 2	Computing – Summer 1	We are zoologists
What we will learn		Websites and links	
<p><u>'We are zoologists'</u></p> <p>In this unit, you will be going on a 'bug hunt', recording and identifying the minibeasts you find. You will then organise the data you have collected, record it using a graphing package, and interpret (explain) the graph to answer questions about what you have found.</p> <p>This unit will enable you to:</p> <ul style="list-style-type: none"> <li>• sort and classify (arrange) a group of items by answering questions</li> <li>• collect data using tick charts or tally charts</li> <li>• use simple charting software to produce pictograms and other basic charts</li> <li>• take, edit and enhance photographs</li> <li>• record information on a digital map.</li> </ul> <p>By the end of term, things you will know and understand:</p> <p>You will know how to use classification keys to identify objects (living or not living) from questions about their properties. You will also be able to edit and enhance photographs, including cropping, and add titles. At the end of the half term you will have the opportunity to present your research to your class. One thing to remember is the internet has had a huge impact on the skills of researching a topic and learning about something new, although it is important to make sure that any information you find is from a reliable source.</p> <p>(information from 'Rising Stars Computing')</p>		<p><u>Useful software and tools</u></p> <p>Excel: <a href="http://office.microsoft.com/en-us/excel">http://office.microsoft.com/en-us/excel</a></p> <p>Numbers: <a href="https://itunes.apple.com/us/app/numbers/id361304891">https://itunes.apple.com/us/app/numbers/id361304891</a></p> <p>Picasa: <a href="http://picasa.google.co.uk">http://picasa.google.co.uk</a></p> <p>Photo Gallery: <a href="http://windows.microsoft.com/en-gb/windows-live/photogallery#photogallery=overview">http://windows.microsoft.com/en-gb/windows-live/photogallery#photogallery=overview</a></p> <p>Google Maps Engine: <a href="https://mapseengine.google.com/map">https://mapseengine.google.com/map</a></p> <p>Google Earth: <a href="http://www.google.co.uk/intl/en_uk/earth">www.google.co.uk/intl/en_uk/earth</a></p>	
 		<p><u>Why not try this at home?</u></p> <p>You could use Picasa or similar software to edit and enhance family photographs, or perhaps photographs taken during a trip to the supermarket. Note that any editing in Picasa is non-destructive, i.e. the original photo is not changed.</p> <p>A nature walk would be an exciting additional activity, either near River Bank Primary School. A visit to a local zoo or to a natural history museum would link well with the work this half. Whatever it maybe you do, always remember to be SMART online:</p> <p>S – Stay Safe M – Don't Meet Up A – Accepting Files R – Reliable T – Tell Someone</p>  	
		<p><u>Key vocabulary/phrases</u></p> <p>Classification key: used to sort objects; a series of questions where the answers will either branch off like a tree to another question or will identify your answer.</p> <p>Cropping: electronically trimming pictures or photographs to change their size.</p> <p>Reliable source: a website you can trust to tell the truth.</p> <p>Properties: Characteristics of an object e.g. hard, soft, shiny, living, not living etc.</p>	

Quiz	<u>A</u>	<u>B</u>	<u>C</u>
What is a classification key?	A series of questions to help you sort objects/ living things.	A special way to open a door.	A website.
What does it mean if a website is reliable?	It doesn't work very well.	It is a brand new page.	You can trust that it is telling the truth.
How could you electronically change the size of a picture?	By cropping.	By chopping.	By chipping.
What does the A stand for in SMART?	Agreeing to meet.	Accepting files.	Adventures.
To help you answer questions about what you find on your bug hunt, you will need to...	look outside.	interpret your graph.	ask for help.