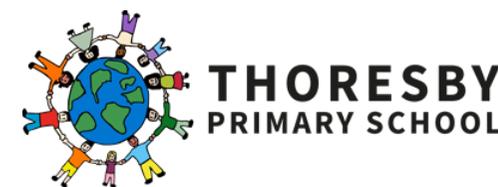


Thoresby Primary School Computing Long Term Plan



		EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Long Term Plan for Computing	Autumn Term		<p>How do we get from Field to Fork? Data retrieval and organising *Camera *Pic collage *Record sound and play back *Simple graphs/ talk about findings.</p>	<p>Food for a Queen Data retrieval and organising *Simple slide show- experiment with text, pictures and animation *Find information on a website *Shape tool to draw</p>	<p>Local Study – History Fishing Using the internet *Find information by browsing a menu, search for image/ copy/ paste/ save image *Use e- mail, open and send attachment Databases *Input data onto a prepared database/ sort and search *Use a branch database</p>	<p>Castles and Buildings Presentation / Data retrieval and organising *Green screen/movie maker (insert recordings, manipulate text- change font colour , use word art/ bold tools and save in a folder, choose images and download, copy and paste picture on a document)</p>	<p>Earthquakes/ Volcanos Algorithms & programs *Scratch animation/ micro-bit (combine sequences of instructions, input and output, ICT program to control an external device e.g. micro-bit, write programmes that have sequences and repetitions)</p>	<p>Roman legacies Presentation / Date retrieval and organising *Present a film *Detailed presentation using text formatting tools, including text and body text *experiment with images, save as gif, jpeg *Make information poster using graphics skills Using the internet *search engine using key words, + OR ‘ ‘ find the phrase in inverted commas.</p>
	Spring Term		<p>Links to Cracking Ideas (History topic) Algorithms & programs *Programmable toy e.g. bee-bot *Scratch Jr (left/ right /Up/ down/forwards/ backward instructions, plan and test journey</p>	<p>Mega structures/ Bridges Communicating *Word- basic skills- word process a piece of text, insert/delete a word using mouse and arrow keys, highlight text to change its format (B, U, I)</p>	<p>Reach for the stars Algorithms & programs *Micro-bit/ turtle (experiment with variables, give directional instructions, draw shapes with 90 and 45 degree turns , write more complex programmes)</p>	<p>Robots Algorithms & programs *Scratch (repeat instructions to draw a shape, experiment with variables to control models, make turns using degrees, move an on screen character)</p>	<p>Complex structures Communicating *E-mail (google account) Databases *Excel (formula in a spreadsheet, search data base using <> = , create data bases using fields, rows and column, create graphs/ tables)</p>	<p>North America Databases *Excel- identify data errors, patterns and sequences, formula bar , create data base</p>
	Summer Term		<p>What diet does an athlete need? Communicating *Recognise e-mail/ send a class e-mail *Introduction to word using space bar, back space, enter, shift and arrow keys</p>	<p>Australia Algorithms & programs *Scratch Jr (predict outcomes ,repeat commands, right angles, write a simple program, test and amend a set of instructions)</p>	<p>Europe Presentation *Introduction to power-point (combine text images and sounds, manipulate text- underline text, centre text, change font/size and save) Data retrieval and organising *Publisher (download image , crop photos , add effects, manipulating sounds)</p>	<p>UK Using the internet *Search engine to find a specific website, use a tabbed browser to open two or more webpages, open PDF) Databases *Use terms cells, rows, columns, enter date, highlight it and make bar charts</p>	<p>Victorians Rich and poor Presentation / Data retrieval and organising *Power-point/ i – movie (simple film editing, select music to use, manipulate sounds, capture stills and video images, use bullets and numbering tools Using the internet *search engines key words, copy and paste from websites, download a document from the website and save)</p>	<p>Mexico Algorithms & programs *Micro-bit/ scratch (detect errors in a program and correct them, use ICT program to control an external device, explore ‘what if’ questions) Communicating *Video chat e.g. Zoom</p>

Internet Safety will be taught to your child throughout the year (National Curriculum Links 1.6 2.7)