

**Stone Hill School**  
**Curriculum Plan 2019/20**  
**Computing Year 8**

**Intent:** To Identify different software and present their ideas in a creative way.  
 To recognise common uses of information technology beyond school.  
 To have basic understanding of how to plan, create and present their own blog.  
 To become familiar with spreadsheets and their uses.  
 To learn the structure of the language of Logo.

Term	Week/s	Topic/Theme <i>Life skills</i>	Learning Outcomes Knowledge and Skills To know, to use, to apply...	Literacy Link Numeracy Link SMSC Link
Autumn 1	1-7	Photo Stories – Movie Creation	Capture a video / photographs using appropriate software in a creative way.	<b>Literacy – Speaking and Listening.</b> Picking out appropriate text. <i>Writing:</i> Writing for different purposes, evaluating. <b>Numeracy - Sequencing.</b> Percentages and fractions. Temperature and negative numbers. Exploring place value <b>SMSC – Investigate moral and ethical issues.</b> Understand consequences. Recognise right and wrong. <b>Internet Safety</b> <b>Gatsby Benchmarks –</b> 4. Linking curriculum learning to careers 8. Personal guidance 3. Addressing the needs of each pupil
Autumn 2	8-15	Online Safety	To use technology purposefully to create, organise, store, manipulate and retrieve digital content.	
Spring 1	1-6	Blogging	To understand how a blog can be used as an informative text. To work collaboratively to plan a blog. To create a blog with a specific purpose.	
Spring 2	7-12	Exploring Simulations	To know that a computer simulation can represent real and imaginary situations. To explore a simulation. To begin to evaluate simulations by comparing them to real situations. To evaluate a simulation to determine its usefulness for purpose.	
Summer 1	1-5	Managing Data	To create simple formulae that use different variables. To use a spreadsheet to work out which letters appear most often. To use the 'how many' tool. To use a spreadsheet to model a real-life situation.	
Summer 2	6-12	Logo	To know what common instructions are in Logo and how to type them. To follow simple Logo instructions to create shapes on paper. To follow simple instructions to create shapes in Logo. To follow Logo code to predict the outcome. To create shapes using the Repeat function.	

**Intended impact:** For pupils to use technology safely and respectfully, keeping personal information private.  
 For pupils to identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.  
 For pupils to understand the approval process that are associated with online posts.  
 For pupils to use a spreadsheet to plan simple events.