Stone Hill School
Curriculum Plan 2019/20
Computing Year 5

Intent: To sort items using a range of criteria.
To sort items on the computer using the 'Grouping' activities.
To become familiar with the internet and how to use it safely.
To create logical sequences
To explore program design and put computational thinking into practice.

Term	Week/s	Topic/Theme *Life skills*	Learning Outcomes Knowledge and Skills To know, to use, to apply…	Literacy Link Numeracy Link SMSC Link
Autumn 1	1-7	Grouping & sorting	To use technology to organise and present ideas. To use the keyboard on their device to add, delete and space text for others to read.	**Literacy** – *Speaking and Listening.* *Writing:* Writing for different purposes, evaluating.
Autumn 2	8-15	Digital literacy	To be able to tell why they use technology in the classroom. To talk about why they use technology in their home and community.	**Numeracy** - solve problems involving unequal sharing and grouping. Grid refernces.
Spring 1	1-6	Creating instructions	To give instructions to a peer and physically follow their instructions. To be able to tell the order they need to do to make something happen.	**Gatsby Benchmarks** –
Spring 2	7-12	Online Safety	To be able to use technology to find information they use. To identify some benefits of using technology. To begin to understand different types of communication.	**4.**Linking curriculum learning to careers **8.** Personal guidance
Summer 1	1-5	Benefits of using technology	To talk about the different ways technology is used. to collect information using a camera or sound recorder. To make and save a chart or graph using data they have collected	**Internet Safety**
Summer 2	6-12	Coding	To understand that for the computer to make something happen, it needs to follow clear instructions. To use simple commands of a Beebot. To create a simple programme. To predict an outome using a Beebot.	**SMSC** – Understand consequences. Recognise right and wrong.

Intended impact: Pupils will be able to sort various items online using a variety of criteria.
Pupils will be able to use technology across other areas of the curriculum.
Pupils will create a computer program using simple algorithms.