Year 2 Computing – Medium Term Planning					
Autumn A Computer Science: BeeBots	Autumn B Information Technology: Presentation Media	Spring A Computer Science: 2Code	Spring B Digital Literacy: Email	Summer A Computer Science: Scratch	Summer B Digital Literacy: Databases
o To be able to understand that a computer follows precise instructions o To be able to explain what an algorithm is o To be able to record an algorithm o To be able to debug an algorithm o To be able to decompose an algorithm o To be able to evaluate an algorithm	o To be able to understand what a search engine is and how it works o To be able to design a search engine o To be able to use a search engine to research o To be able to recognise that not all information from the internet is reliable o To be able to understand what a good presentation needs to contain o To be able to change the layout of a presentation o To be able to add text o To be able to edit text o To be able to insert pictures	o To be able to understand what algorithms are. o To be able to understand how algorithms are used in programs. o To be able to apply this understanding to create a simple program using an algorithm. o To be able to use design mode to control how a game looks o To be able to write a program that controls how a CHARACTER moves. o To be able to explain what is happening and write down/ talk through my code	o To be able to explain why some emails are unsafe o To be able to decide whether an email is safe to open o To be able to take appropriate action if concerned by the content of an email o To be able to understand the headers of an email o To be able to compose and respond to emails o To be able to record information using technology o To be able to open an attachment from an email o To be able to identify the two parts of an email address o To be able to create a simple database with some support	o To be able to create simple algorithms o To be able to use touch screen technology to create artwork o To be able to create a two-step algorithm o To be able to use repeat loops o To be able to add sound	o To be able to understand what a database is and how it works o To be able to create and complete a survey o To be able to take digital photographs o To be able to create a simple database o To be able to explain and use their database e