

ICT Year 2

NC Objectives	Topic	Milestones 1
<p>Pupils should be taught to:</p> <ul style="list-style-type: none"> • understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions • create and debug simple programs • use logical reasoning to predict the behaviour of simple programs • use technology purposefully to create, organise, store, manipulate and retrieve digital content • recognise common uses of information technology beyond school • use technology safely and respectfully, keeping personal information private; identify where to go 	<p>TERM 1 Digital Literacy Paint Microsoft Word</p> <p>TERM 2 Computer science Scratch</p> <p>TERM 3 Coding PowerPoint</p>	<p>To code (using Scratch)</p> <p>Motion</p> <ul style="list-style-type: none"> • Control motion by specifying the number of steps to travel, direction and turn. <p>Looks</p> <ul style="list-style-type: none"> • Add text strings, show and hide objects and change the features of an object. <p>Sound</p> <ul style="list-style-type: none"> • Select sounds and control when they are heard, their duration and volume. <p>Draw</p> <ul style="list-style-type: none"> • Control when drawings appear and set the pen colour, size and shape. <p>Events</p> <ul style="list-style-type: none"> • Specify user inputs (such as clicks) to control events. <p>Control</p> <ul style="list-style-type: none"> • Specify the nature of events (such as a single event or a loop). <p>Sensing</p> <ul style="list-style-type: none"> • Create conditions for actions by waiting for a user input (such as responses to questions like: What is your name?) <p>To Connect</p> <ul style="list-style-type: none"> • Participate in class social media accounts. • Understand online risks and the age rules for sites. <p>To Communicate</p> <ul style="list-style-type: none"> • Use a range of applications and devices in order to communicate ideas, work and messages. <p>To Collect</p> <ul style="list-style-type: none"> • Use simple databases to record information in areas across the curriculum.