

**Alma Park Primary School – Long-Term Plan for Computing**

Year Group	Autumn		Spring		Summer	
Nursery	<ul style="list-style-type: none"><li>• Opportunity for activities which provide computational thinking – such as sequencing and talking about why things happen</li><li>• Opportunity for activities to use various technologies to explore their world.</li></ul>					
Reception						
Year 1	<b>Digital Literacy</b> We are Celebrating	<b>Computer Science</b> We are Mappers	<b>Information Technology E-Safety</b> We are Painters	<b>Information Technology E-Safety</b> We are Collectors	<b>Information Technology</b> Programming 2- scratch	<b>Digital Literacy</b> Data
Year 2	<b>Computer Science</b> We are Astronauts	<b>Information Technology</b> We are Photographers	<b>Digital Literacy</b> Digital Music	<b>Computer Science</b> We are game Testers	<b>Information Technology</b> Pictograms	<b>Digital Literacy</b> We are detectives
Year 3	<b>Computer Science</b> We are Programmers <a href="#">Ada Lovelace</a>	<b>Digital Literacy</b> We are Communicators	<b>Information Technology</b> Branching Data bases	<b>Information Technology</b> Stop Motion Animation	<b>Digital Literacy</b> Desktop publishing	<b>Computer Science</b> We are Bug Fixers
Year 4	<b>Computer Science</b> We are Software Developers	<b>Information Technology</b> We are Musicians	<b>Computer Science</b> We are Toy Designers	<b>Digital Literacy</b> The Internet <a href="#">Sir Tim Berners-Lee</a>	<b>Digital Literacy</b> Photo Editing	<b>Information technology</b> Data logging
Year 5	<b>Digital Literacy</b> Video Production	<b>Digital Literacy</b> We are Cryptographers	<b>Information technology</b> Vector Graphics	<b>Information technology</b> We are Architects	<b>Computer Science</b> We are Game Developers <a href="#">Sophie Wilson</a>	<b>Digital Literacy</b> Flat file databases
Year 6	<b>Computer Science</b> We are Toy Makers <a href="#">Alan Turing</a>	<b>Computer Science</b> Variables in Games	<b>Information technology</b> Introduction to Spreadsheets	<b>Digital Literacy</b> We are connected	<b>Information technology</b> We are Advertisers <a href="#">Banū Mūsā</a>	<b>Computer Science</b> We are AI Developers