

Dean Bank Computing LTP – September 2020 Restart.

The parts highlighted in red will not be taught this year in light of the Covid-19 pandemic and the curriculum needing to be reviewed and compressed.

	Autumn	Spring	Summer
R	<p>Computer Science – Identify everyday IT. Play with beebots. Sequence stories.</p> <p>Digital Literacy– Awareness of strangers</p> <p>IT- Mouse skills. Take photos and simple videos.</p>	<p>Computer Science – Simple instructions on Beebots.</p> <p>Digital Literacy– Smartie the Penguin</p> <p>IT- Write name using keyboard. Develop mouse control using painting software.</p>	<p>Computer Science – Use of pictures to represent instructions for beebots.</p> <p>Digital Literacy– Jessie and Friends videos.</p> <p>IT- Develop keyboard skills.</p>
Y1	<p>Computer Science – beebots, simple instructions around the classroom or a floor map.</p> <p>Digital Literacy– Smartie the Penguin</p> <p>IT- Learn to log in, e.g. textease and develop keyboard skills, video messages to santa, use of paint software</p>	<p>Computer Science – Google maps to look at routes to school and around local area. Use of beebots to recreate these routes. Order seasons, images, stories.</p> <p>Digital Literacy– Lee and Kim videos.</p> <p>IT- Book Creator. Database, how did you get to school today?</p>	<p>Computer Science – Maps of trip, e.g. to seaside. Use of beebots to program routes.</p> <p>Digital Literacy– Safe searching online.</p> <p>IT- Powerpoint slides containing pictures and a label. Video and photographs and maps to support writing, e.g. recount of a trip.</p>
Y2	<p>Computer Science – Move beebots around a floor grid, make simple set of instructions, e.g. route to the shop.</p> <p>Understand that algorithms are implemented as programs on digital devices.</p> <p>Digital Literacy– Going places safely, common sense media. “Keeping it private”.</p> <p>IT- Improve keyboard and typing skills. Create simple powerpoint, use simple pictograms and simple charts.</p>	<p>Computer Science – Giving instructions to programmable toys and apps.</p> <p>Digital Literacy– CEOP Hectors World, think you know website.</p> <p>IT- Book Creator app, video themselves, add images to text.</p>	<p>Computer Science – beebots, simple instructions around the classroom or a floor map.</p> <p>Digital Literacy– Common sense media</p> <p>IT- Create posters, use pictures and videos from trips to inform writing.</p>
Y3	<p>Computer Science – Rapid Router and hour of code lessons online</p> <p>Digital Literacy– Smart Crew. Work on passwords.</p> <p>IT- Using word/publisher and iMovie to present work in different formats.</p>	<p>Computer Science – Introduce Scratch</p> <p>Digital Literacy– Common Sense Media “the power of words”</p> <p>IT- Use of mapping software to locate places and add information to them and powerpoint to display their research.</p>	<p>Computer Science – Turtle work – programmable drawing tool.</p> <p>Digital Literacy– Keeping information private, common sense media.</p> <p>IT- Use of word/publisher and video to display information, e.g. menus, tv reports.</p>
Y4	<p>Computer Science – rapid router and hour of code for coding.</p> <p>Digital Literacy– Making healthy choices. Digital footprint and identity.</p> <p>IT- Composing songs. Using databases.</p>	<p>Computer Science – Scratch – introduce repeating patterns</p> <p>Digital Literacy– Being a digital citizen</p> <p>IT- Adding images and amending text.</p>	<p>Computer Science – Turtle, introduce the drawing of more difficult shapes</p> <p>Digital Literacy– Creators rights and responsibilities.</p> <p>IT- Creating videos using photos and adding voice overs and music.</p>

Y5	<p>Computer Science – Scratch, creating simple animations and debugging.</p> <p>Digital Literacy– Digital life and friendships.</p> <p>IT- Designing websites using publisher.</p>	<p>Computer Science – Hour of code website.</p> <p>Digital Literacy– Reliability of websites.</p> <p>IT- Adding maps and voice overs to powerpoints.</p>	<p>Computer Science –Introduce Kodu</p> <p>Digital Literacy– Tracey Beaker</p> <p>IT- Use of photoshop and databases.</p>
Y6	<p>Computer Science –Scratch or use Lego available from EDS</p> <p>Digital Literacy– Common Sense Media, Digital citizenship</p> <p>IT- Find images and add to movie maker. Use spreadsheets with basic formula.</p>	<p>Computer Science – Understanding wider networks, code-it.co.uk work.</p> <p>Digital Literacy– Trust me reliability work.</p> <p>IT- Create presentations using video, powerpoint or prezzi, adding and altering images.</p>	<p>Computer Science – Kodu</p> <p>Digital Literacy– Self Esteem online</p> <p>IT- Create simple TV advert using Imovie.</p>