

## Boston Pioneers Academy- Computing LTP

	Autumn		Spring		Summer	
EYFS	<b>Within foundation stage computing can be seen within the environment: This includes:</b> Fine motor skill activities, termly online safety discussions, technology in role play, letter recognition (lower and upper case), exploring keyboards, practise using a mouse, sorting objects and giving directions.					
Year 1	<b>IT - Word</b> Logging on and Typing Skills Online safety- Self identify and image	<b>Computer Science</b> <b>Bee Bots</b> Programming A – Moving a robot Online safety- relationships	<b>IT Creating Media</b> Creating media – Digital painting Online safety- online reputation and online bullying	<b>IT Data</b> <a href="#">Branching Databases</a> Online safety- Managing information online	<b>Computer Science</b> <a href="#">Programming B - Programming animations</a> Online safety- health and wellbeing online	<b>Computer Science</b> <b>J2E – Rocket</b> <a href="#">J2Code (j2e.com)</a> Online safety- privacy, security and copyright
Year 2	<b>IT PowerPoint and Typing</b> Skills Online safety- self image and identify	<b>IT Creating Media</b> <b>Digital Art</b> Creating media – Digital photography Online safety-relationships	<b>Computer Science</b> <b>Programmable Robot</b> Programming A – Robot algorithms Online safety- online reputation and online bullying	<b>IT Creating Media</b> <b>Video animations</b> Creating media - Stop-frame animation Online safety- copyright/ managing information online	<b>IT – Creating Media Sound</b> Creating media - Digital music Online safety- health and well being	<b>Computer Science</b> <b>Scratch Jnr</b> Programming B - Programming quizzes Online safety- privacy and security
Year 3	<b>IT Creating Media Digital Art</b> Creating media – Desktop publishing Online safety – self image and identity	<b>Computer Science</b> Programming A - Sequencing sounds Online safety- Online relationships	<b>IT Creating Media</b> <b>Video editing</b> Creating a book advert using iMovie Online safety- Online reputation	<b>Computer Science</b> Programming B - Events and actions in programs Online safety- copyright/ Managing information online	<b>Computer Science</b> <a href="#">Nature art   micro:bit (microbit.org)</a> Online safety- Health and wellbeing	<b>Research and Computer Networks</b> <a href="#">Computing systems and networks – Connecting computers</a> Online safety- privacy and security
Year 4	<b>IT Creating Media Digital Art</b> Creating media – Photo editing Online safety- Self image and identity	<b>IT Data</b> <b>Microsoft Forms</b> Online safety- relationships	<b>Computer Science</b> Programming A – Repetition in shapes Online safety- online reputation	<b>Working collaboratively &amp; Computer Networks</b> Computing systems and networks – The Internet Online safety-Copyright/ Managing information online	<b>IT Creating Media Sound</b> Creating media - Audio production Online safety- Health and wellbeing	<b>Computer Science</b> <b>Microbits</b> Volcano animations Online safety- privacy and security
Year 5	<b>IT Creating Media</b> Creating media - Video production Online safety- self-image and identity	<b>IT PowerPoint/Computer Networks</b> Computing systems and networks - Systems and searching Online safety- relationships	<b>Computer Science</b> Programming B – Selection in quizzes Online safety- online reputation	<b>IT Data</b> Data and information – Flat-file databases Online safety- copyright/ managing information online	<b>Computer Science-</b> <b>Microbits</b> <a href="#">Microbits</a> Online safety- Health and wellbeing	<b>IT Creating Media</b> <b>Digital Art</b> Creating media – Introduction to vector graphics Online safety- Privacy and security
Year 6	<b>Computer Science</b> <b>Microbits</b> <i>*Link to DT &amp; science</i> <a href="#">Digital assistants   micro:bit (microbit.org)</a> Online safety- self image and identify	<b>IT Creating Media</b> <b>Websites</b> Creating media – Web page creation Online safety- online relationships	<b>IT Data</b> Data and information - Introduction to Spreadsheets Online safety- Online bullying	<b>IT Creating Media</b> <b>Digital Art</b> <i>*Link to art</i> Creating media 3D Modelling Online safety- managing information online	<b>Computer Science</b> Programming A – Variables in games Online safety- Health and wellbeing	<b>Computer Science</b> Introduction to Python Online safety- privacy and security

