

## Yearly Progression Map for Computing

Year Group	Aut 1	Aut 2	Spr 1	Spr 2	Sum 1	Sum 2
1	Beebot garden walk – 3 lessons <a href="http://www.bbc.co.uk/guides/zqnc4wx">http://www.bbc.co.uk/guides/zqnc4wx</a>	What is an Algorithm – 2/3 lessons <a href="http://www.bbc.co.uk/guides/z3whpv4">http://www.bbc.co.uk/guides/z3whpv4</a>	I can code – 4 lessons <a href="http://www.bbc.co.uk/guides/zykx6sg">http://www.bbc.co.uk/guides/zykx6sg</a>	Cyberwalk – 3 lessons <a href="http://www.bbc.co.uk/guides/z82v34j">http://www.bbc.co.uk/guides/z82v34j</a>  Jit or 2paint Bizzythings	Sharing my iceburg – 2/3 lessons: <a href="http://www.j2e.com/launch">http://www.j2e.com/launch</a> Use Jit <a href="http://www.bbc.co.uk/guides/zwbq7ty">http://www.bbc.co.uk/guides/zwbq7ty</a>	I can sort objects – link to maths but teach the computing side. 4 lessons put in anywhere. Jit graph
On-going Online Safety lessons needed. How does my garden grow? Safe searching on the internet <a href="http://www.primaryschoolict.com">www.primaryschoolict.com</a> <a href="http://www.safesearchkids.com/">http://www.safesearchkids.com/</a> <a href="http://www.kidrex.org/">http://www.kidrex.org/</a> <a href="http://www.swiggle.org.uk">www.swiggle.org.uk</a> <a href="http://www.bbc.co.uk/guides/zym3b9g">http://www.bbc.co.uk/guides/zym3b9g</a> Smartie the penguin – online safety						
2	Demolition turtle – 4 lessons Or Instructions and recipes – 3 lessons	I can debug – 5 lessons (carries on from I can code Y1).  Using j2code – Jit	Code for life Say no to Graffiti – 3 lessons	Finding out about us (Databases - 3 lessons)	Mini-beasties (Sorting, classifying and asking questions - 4 lessons) Jit Graph	<b>Finding out about ... (Mary Seacole - 2 lessons )</b> Internet searching  Safesearch internet search
On-going Online Safety – cogs and gears – 2 lessons Digiducks dilemma – 2 lessons Online safety scenario – can be used for circle time at any point in the year.						
3	Can your robot make shapes (following on from demolition turtle) – 4 lessons <a href="http://www.bbc.co.uk/guides/z23q7ty">http://www.bbc.co.uk/guides/z23q7ty</a>	Do you like my presentation? 3 lessons Jit – pic, animate and words J2E – animate add pictures to presentation. <a href="http://www.bbc.co.uk/guides/z83wjxs">http://www.bbc.co.uk/guides/z83wjxs</a>	Would I lie to you – searching the internet and what to believe – 2 lessons	Make a duck and fly it – 3 lessons. Simulations <a href="http://www.bbc.co.uk/guides/ztkx6sg">http://www.bbc.co.uk/guides/ztkx6sg</a>	I can use block coding (following on I can debug). 5 lessons <a href="http://www.bbc.co.uk/guides/zw96tfr">http://www.bbc.co.uk/guides/zw96tfr</a> using j2code – visual	I'm a DJ hear my mix – 2 lessons <a href="http://www.bbc.co.uk/guides/z8yk87h">http://www.bbc.co.uk/guides/z8yk87h</a>  Audacity  Database creation and sorting could be linked maths Finding out about healthy habits (Databases - 3 lessons) Creative tool kit or J2E
Internet Scenario Card Activity (Emailing strangers - 1 lesson) <a href="http://usonline3.lgfl.org.uk/">http://usonline3.lgfl.org.uk/</a> onlinOnline Safety resource						

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4	<p><b>Apple hunt (Introduction to Kodu - 2 lessons)</b></p> <p>Create a kodu game (follow on from Aut 1) – 4 lessons</p> <p><a href="http://www.bbc.co.uk/guides/z8ngr82">http://www.bbc.co.uk/guides/z8ngr82</a></p>	<p>I can make a game using J2code (follow on from block coding) – 4 lessons</p> <p><a href="http://www.bbc.co.uk/guides/zw3dwmn">http://www.bbc.co.uk/guides/zw3dwmn</a></p>	<p>Sharing my view (Blogging - 2 lessons)</p>	<p>Animal internet search – 3 lessons J2E5</p> <p><a href="http://www.bbc.co.uk/guides/ztbjq6f">http://www.bbc.co.uk/guides/ztbjq6f</a></p> <p><a href="http://www.bbc.co.uk/guides/zcmbgk7">http://www.bbc.co.uk/guides/zcmbgk7</a></p>	<p>Logo turtle mania – 6 lessons J2code – logo</p> <p><a href="http://www.j2e.com/j2code/">http://www.j2e.com/j2code/</a></p>	<p>What's a spreadsheet – 3 lessons</p> <p><a href="http://www.bbc.co.uk/guides/zgx3b9q">http://www.bbc.co.uk/guides/zgx3b9q</a></p> <p>Weather data – database. (Collecting and analysing information - 3 lessons)</p>
<p>On-going Online Safety – Internet scenario card – 1 lesson</p> <p>Let's email – 2 lessons continue from previous year</p>						
5	<p>Starting with scratch (moving from Kodu) – 4 lessons</p> <p><a href="http://www.bbc.co.uk/guides/ztkx6sg">http://www.bbc.co.uk/guides/ztkx6sg</a></p> <p><a href="http://www.bbc.co.uk/guides/z8ngr82">http://www.bbc.co.uk/guides/z8ngr82</a></p>	<p>Building a sustainable house – 2 lessons (simulation including some spreadsheet progression).</p> <p><a href="http://www.bbc.co.uk/guides/z23q7ty">http://www.bbc.co.uk/guides/z23q7ty</a></p>	<p>Logo block of flats (continues from previous year logo) – 4 lessons.</p> <p><a href="http://www.bbc.co.uk/guides/zw3dwmn">http://www.bbc.co.uk/guides/zw3dwmn</a></p>	<p>Simply delicious – spreadsheets. 5 lessons</p>	<p>I can make an animation (stopframe animation - 5 lessons) Continue from animal research Spotlight Iframe?</p>	<p><b>Searching Searching...</b> (How a search engine 'works' - 2/3 lessons)</p>
<p>On-going Online Safety work – Design a poster 3 lessons J2E5</p> <p>Internet scenario card (Gaming - 1 lesson)</p>						
6	<p>Have fun with Scratch (Programming and solving problems - 4 lessons)</p>	<p>Blogging – 5 lessons</p> <p>Let's blog around the world (Blogging - 2 lessons) - (Y5-6)</p>	<p>Logo patterns (Logo/Algorithms - 4 lessons)</p>	<p>Victorian internet search – 3 lessons</p> <p><a href="http://www.bbc.co.uk/guides/zt9thyc">http://www.bbc.co.uk/guides/zt9thyc</a></p> <p><b>My exciting world landmarks (Finding information online - 3/4 lessons) - (Y4-6)</b></p>	<p>After SATs</p> <p>Podcasting times tables rap (Manipulating music - 4 lessons) Both or one</p> <p>I can make an animation (this appears in year 5 so you will need to extend. stopframe animation - 5 lessons) iframe?</p> <p>Using a green screen</p> <p><b>How to build an app – LGFL</b></p> <p><a href="http://www.bbc.co.uk/guides/zxgq7ty">http://www.bbc.co.uk/guides/zxgq7ty</a></p> <p><b>Robot Rampage! (Programming mBots - inputs and sensors - 5 lessons) - (Y5-6)</b></p>	
<p>On – going Online Safety - <a href="#">Cyber cafe –Online safety resource - www.thinkuknow.co.uk</a> – cyber cafe</p> <p><b>Usonline - Online safety resource -</b></p> <p><b>Internet scenario card (Personal information - 1 lesson)</b> What is the Internet? (Internet &amp; 'World Wide Web' explained - 2 lessons) - (Y5-6)</p>						

<http://fronter.com/rbkc/main.phtml> Use this link to find the 3BM website where all lesson plans and resources are displayed. Username: sma@3bm.co.uk Pass: 7mRGqj8P