

At Lobley Hill Primary School, we aim to 'Be The Best We Can Be' through being curious, adventurous and respectful in order to achieve personal excellence.



## Computing Annual Plan – Cycle A 2022-23

	Year 1/2	Year 3/4	Year 5/6
<b>Autumn 1</b>	<b>Creating media</b> Digital painting (Painting app) <i>Additional E-safety lesson</i>	<b>Creating media</b> Stop-frame animation (imotion app) <i>Additional E-safety lesson</i>	<b>Creating media</b> Web- page creation (Google sites) <i>Additional E-safety lesson</i>
<b>Autumn 2</b>	<b>Programming</b> Moving a robot (Bee-bot, Blue-bot, etc) <i>Additional E-safety lesson</i>	<b>Programming</b> Repetition in shapes (FMSLogo app) <i>Additional E-safety lesson</i>	<b>Programming</b> Selection in physical computing (Crumble controller + starter kit + motor) <i>Additional E-safety lesson</i>
<b>Spring 1</b>	<b>Computing systems and networks</b> IT around us	<b>Computing systems and networks</b> Connecting computers (Painting app)	<b>Computing systems and networks</b> Communication and collaboration
<b>Spring 2</b>	<b>Data information-</b> Grouping data	<b>Data information</b> Branching databases (j2data Branch and Pictogram app)	<b>Data information</b> Flat file databases (j2data Database)
<b>Summer 1</b>	<b>Creating media</b> Digital writing (Google Docs or Microsoft Word)	<b>Creating media</b> Photo editing (Paint.NET for Microsoft Windows)	<b>Creating media</b> 3D modelling (Tinkercad)
<b>Summer 2</b>	<b>Programming</b> Robot algorithms (Bee-bot, Blue-bot, etc) <i>Additional E-safety lesson</i>	<b>Programming</b> Repetition in games (Scratch) <i>Additional E-safety lesson</i>	<b>Programming</b> Selection in quizzes (Scratch) <i>Additional E-safety lesson</i>
<b>Enhancement throughout units or linked to PHSE</b>	There are 6 lessons within each unit so additional lessons can be added about E-safety. E-safety does not need to be taught within very topic but should be dripped in whenever needed. It can also be taught during PSHE lessons as the topics overlap.		

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## Computing Annual Plan – Cycle B 2023-24

	Year 1/2	Year 3/4	Year 5/6
<b>Autumn 1</b>	<b>Creating media</b>  Digital photography <i>Additional E-safety lesson</i>	<b>Creating media</b>  Audio production <i>Additional E-safety lesson</i>	Creating media  Video Production <i>Additional E-safety lesson</i>
<b>Autumn 2</b>	<b>Programming</b>  Programming animations <i>Additional E-safety lesson</i>	<b>Programming</b>  Sequencing sounds <i>Additional E-safety lesson</i>	<b>Programming</b>  Variables in games <i>Additional E-safety lesson</i>
<b>Spring 1</b>	<b>Computing systems and networks</b>  Technology around us	<b>Computing systems and networks</b>  The internet	<b>Computing systems and networks</b>  Systems and searching
<b>Spring 2</b>	<b>Data information</b>  Pictograms	<b>Data information</b>  Data logging	<b>Data information</b>  Introduction in spreadsheets
<b>Summer 1</b>	<b>Creating media</b>  Digital music	<b>Creating media</b>  Desktop publishing	<b>Creating media</b>  Introduction to vector graphics
<b>Summer 2</b>	<b>Programming</b>  Programming quizzes <i>Additional E-safety lesson</i>	<b>Programming</b>  Events and actions in programs <i>Additional E-safety lesson</i>	<b>Programming</b>  Sensing movement <i>Additional E-safety lesson</i>
<b>Enhancement throughout units or linked to PHSE</b>	There are 6 lessons within each unit so additional lessons can be added about E-safety. E-safety does not need to be taught within very topic but should be dripped in whenever needed. It can also be taught during PSHE lessons as the topics overlap.		