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Dear Parents/Carers,

We know that many children at Biggin Hill enjoy their computing lessons with Mr Small and are missing these enjoyable sessions. Providing online Computing lessons is quite tricky as every family has different devices with different operating systems, apps and equipment. However we have put together a list of websites and apps that everyone should be able to enjoy. These recommendations are purely an optional extra that your child may like to try.

### **EYFS and KS1**

- BBC Bitesize - KS1 - <https://www.bbc.co.uk/bitesize/subjects/zyhbwmn>  
BBC Bitesize has information on various topics from 'What is an algorithm?' to 'How do computer games work?' There is often a piece to read followed by a game, quiz or video.
- Daisy the Dinosaur is a free IOS app with an easy drop and drop interface that young children can use to animate Daisy and make her dance on their screen.
- Code Karts is a free IOS app that introduces pre-coding to children from the age of 4 through a series of logical puzzles presented in the form of a raceway.

### **KS2**

- BBC Bitesize - KS2 - <https://www.bbc.co.uk/bitesize/subjects/zvnrq6f>  
BBC Bitesize has information on various topics from 'What is the world wide web?' to 'How do computer programs use variables?' There is often a piece to read followed by a game, quiz or video.
- Hopscotch is a free IOS app. It's a free drag and drop coding app that lets children write and share their own programs and animations. A monthly subscription unlocks more options.

### **For 5-11 years**

- <https://projects.raspberrypi.org/en>  
This website has some great projects that help children start to write code. Many of the projects involve scratch which the children are already familiar with.



- <https://www.tynker.com/#/>  
This website helps children to learn to program. It includes projects such as making Minecraft mods and skins, storytelling and drawing.
- <https://spritebox.com/hour.html>  
Spritebox is a free android and IOS app. It's a new logic puzzle game that combines the fun of 'platformer' games (like Minecraft and Super Mario Bros) with learning the basics of coding. SpriteBox covers basic algorithms, instruction sequencing, instructions with parameters, simple to complex loops, and debugging.
- Garage band is a free IOS app that allows users to create music in a full recording studio.
- <https://lightbot.com/hour-of-code.html>  
This is a free android and an IOS app. Lightbot is an educational video game for learning software programming concepts

Best wishes

Helen Lucas  
Class teacher and Computing Lead



