



## **Barley and Barkway (VA) C of E First Schools Federation**

Church End, Barley, SG8 8JW | 84 High Street, Barkway, SG8 8EF

Tel: 01763 848281 | 01763 848283

Email: [admin@barleybarkway.herts.sch.uk](mailto:admin@barleybarkway.herts.sch.uk)

Website: [www.barleybarkway.herts.sch.uk](http://www.barleybarkway.herts.sch.uk)



Subject Area: Computing

Subject Leader: Miss Domi Preston

### **What is the aim of your curriculum?**

#### **The intent**

The intent of the computing curriculum at Barley and Barkway Federation is to develop across the various areas of the subject, individual self-confidence in using computing devices, how to best use devices to complete tasks and within coding, logical thinking.

#### **The implementation**

1. Children follow the curriculum overview as laid out by PurpleMash (a subscription platform that caters for all areas of the National Curriculum across EYFS, KS1 and KS2).
2. When age appropriate, children use Google's G-Suite cloud-based productivity platforms within both the allocated computer lesson time as well within other subjects, for example, English.
3. To meet the requirements of the National Curriculum, Scratch is used within certain areas of the year 2 curriculum and then fully within KS2.
4. Children receive one dedicated 1-hour lesson per week to cover core components, however, this is then augmented in other subjects where using ICT is beneficial, such as searching for facts within science, or using online maps for a geography lesson.

#### **The impact**

1. Over the course of an academic year, children have become more confident and independent whilst using computers to create work, access online resources and continue schoolwork remotely, such as when they are required to self-isolate due to Covid.
2. As G-Suite has now become the chosen platform for education across KS3 and beyond, children who progress into year 5 will have already experienced using this platform for at least a full year thus allowing them to progress further.

### **What are your subject's strengths?**



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1. All pupils across KS1 and KS2 have access to their own dedicated device and children within EYFS class have access to 5 devices to use when required.
2. Children have become increasingly confident and knowledgeable with using devices and online platforms. This is both demonstrated when the children using devices within their lessons to complete work linked to other subjects as well as during the remote learning that was undertaken during the lock downs in 2020 and 2021.

### **What are your subject's areas to development?**

To encourage more independence from reluctant children, especially those who have little to no access to devices at home. This is however not due to financial difficulties as devices have and will be supplied to children who do not have access to a suitable device at home. This issue has been highlighted with the year 1 class where several pupils are less confident, and it is impacting their ability to be independent.

### **How is your subject monitored?**

Classroom visits and advice over content and/or implementation given as and when required to KS1 teachers.

### **How is your subject taught in EYFS?**

EYFS children use class iPads to access various platforms, such as Mini Mash, during their free flow time.

### **How are SEND and PP children supported in your subject?**

SEN children are supported as and when required within the lesson depending on their need.