



# Subject on a Page: COMPUTING



## We aim to...

At Brackenhill Primary School, we see the teaching of Computing as an integral part of the school curriculum to develop pupils' skills in using technology to create, organise, store, manipulate and retrieve digital content. Our Computing curriculum offers a rigorous development of skills, which progresses throughout our learning pathways. This journey will not only prepare our children for the wider world ensuring they cover the following strands: Digital Citizenship, Computer Science, Data, Information Technology and Multimedia it will ensure that this is done in a safe way. Online safety sessions are an integral part of our lessons, preparing pupils so they are more able to actively participate in a rapidly changing technological world. For our children Computing builds pupils' confidence in, and enthusiasm for, using technology in the wider world, as they present to one another and upload their work for others to see on our website and social media platforms. This shows our children how to use these online platforms, positively and informatively. Again, building on this knowledge and understanding, our pupils are equipped to use information technology confidently in our ever-expanding digital world.

## How do we achieve our aims?

### Our Curriculum

Computing is planned using Purple Mash. Each class has discrete units to cover during the school year. Classes all cover units in the three key areas of the Computing curriculum; computer science, information technology and digital literacy. All pupil's complete online safety sessions which are planned using Project Evolve (Evidence from Online Safety sessions can be found within Theme books) and is based upon the framework- Educated for a Connected World.

### Equipment

All children have their own individual for Chromebooks and a login for Purple Mash. Depending on the task, children would save their work in folders on the platform.

### Vocabulary

We value the importance of children using the correct vocabulary and within each lesson we will discuss new vocabulary and this will then be reinforced throughout the learning journey.

### Inclusion

We always ensure that our children are **Ready, Respectful and Safe** and this is something that is reinforced within our computing curriculum journey through Brackenhill as it is vital that our children are prepared for the modern world. All our lessons are inclusive for all our pupils. Children with SEND access the Computing Curriculum through careful teacher assessment. The lessons are planned and resourced to help them access the learning taking place at an appropriate level that will meet their needs. Sometimes, they will be supported by peers or adults in class and often they will use technology to enable them to access other areas of the curriculum.

### EYFS

Our Reception children have access to Mini Mash where they learn general computing and this helps them move through school with increased confidence as they progress to Purple Mash in Year 1. The interactive whiteboard is made available to children within the setting to support their learning, as well as other technology to help them achieve the ELG, 'Understanding the World'.

## How will we know we have achieved our aims?

Our children are becoming confident about Computing and are excited to learn new skills.

Our planning and online folders show progression for each area of learning.

Our children can use Computing across the curriculum and beyond computing lessons.

Our children can share strategies on how to keep safe online and know who they can report their concerns to.