Computing at Bede Burn Primary

Over the weekend a mystery object crashed landed into Bede Burn School

Computers are now part of everyday life. For most of us, technology is essential to our lives, at home and at work. 'Computational thinking' is a skill children must be taught if they are to be ready for the workplace and able to participate effectively in this digital world. The new national curriculum for computing has been developed to equip young people in England with the foundational skills, knowledge and understanding of computing they will need for the rest of their lives. Through the new programme of study for computing, they will learn how computers and computer systems work, they will design and build programs, develop their ideas using technology and create a range of content.

At Bede Burn Primary School, children have the opportunity to use ICT within the classroom across a range of subjects. Children have access to both computers and iPads to ensure this is achieved. We are also lucky enough to have access to Green Screen equipment for special effects. Children are able to use their imagination to transport themselves to other time periods and imaginary worlds which has proved to be a great stimulus for creative writing.

What Ofsted say about Bede Burn

"You have recently implemented a curriculum where many subject disciplines are taught, linked to an imaginative, creative theme. This is inspiring interest and engagement in learning and pupils are now benefiting from a broad, balanced and imaginative curriculum. Teachers are using the curriculum to provide rich opportunities for pupils to practise and apply their writing skills in a range of contexts. Work in pupils' books shows accelerating progress in writing."

Examples of cross-curricular writing can be found on the computing videos page.

Please click below to see examples of how computing is used throughout Bede Burn.

Computing at Bede Burn

Here are some useful computing web links that your child might enjoy exploring:

http://www.bbc.co.uk/schools/0/computing/28972462

http://primarygamesarena.com/Subjects/ICT
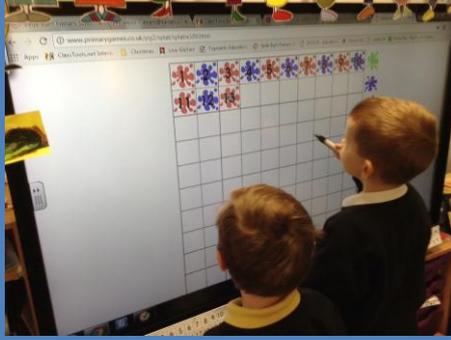
http://www.ictgames.com/resources.html

Please find links to the National Curriculum for Early Years Foundation stage, Key stage 1 and 2 below:

EYFS (Computing information can be found in the 'Understanding of the world' section of the document.)

National Curriculum KS1 and KS2

EYFS

Some examples of the things children are taught:

To use ICT to sort and sequence objects on a screen or interactive whiteboard
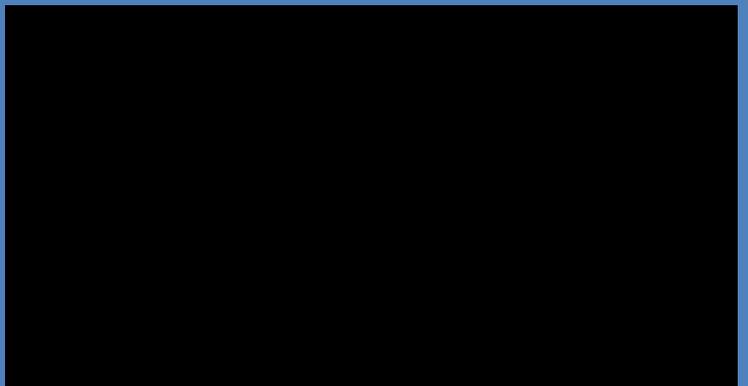
To produce simple pictograms

To explore commands needed to control a range of electronic toys

Key Stage 1

In Key Stage one pupils are taught to understand what algorithms are, create and debug simple programs and recognise how to use technology purposefully.

Double click the videos below to see some of the outstanding work in Key Stage 1

As seen in the pictures and videos ….Key Stage 2 children have the opportunity to:

Use search technologies effectively

Use logical reasoning to explain

Select and use a variety of software