

Computing

The school is well equipped to provide the children with the access they require to a range of technologies in this increasingly important area of the curriculum. The children are encouraged to develop their skills with ipads, laptops, pcs and interactive whiteboards. Much of the computer hardware is networked to a main server allowing children access to their files from any computer and most devices in the school.

The main hall is also equipped with a screen, data projector, laptop and PA system for assemblies, presentations and performances.

The school has a Website which children across the school have access to both at school and home.

Importance is placed on creating confidence in the use of Computing skills for use in all areas of the curriculum. This is done not only in word processing, but in general handling of information be it in simple story form or more sophisticated desk-top publishing, graphing, creating a piece of music or collecting data from our various items of sensory equipment.

Equipment is available from Nursery onwards in small groups where the children gain some basic computing knowledge, to whole classes for the older children where their skills flourish under direct teaching. Pupils in Key Stage 2 are encouraged to apply skills they have learnt and make their own decisions about how they can best apply technology to their learning in a range of subjects across the curriculum.

Children in EYFS learn through playing with floor turtles/BeeBots and other electronic toys by giving them instructions and controlling their movements.



Programming skills are further developed in KS1 and KS2 through a range of opportunities including floor turtles, screen turtles, robots, Lego and K'nex, game creation, apps, and other websites.

Children have the opportunity to use digital cameras and multimedia to enhance their presentation of work. This area is becoming increasingly important in opening up the world to the children at the touch of a button.

Teaching children how to be safe and responsible in their use of technology is embedded across the curriculum. Understanding of this important part of the curriculum is developed so that the children gain deeper understanding about e-safety and social and moral issues, in contexts such as online interactions, research and sharing their own work.

We have Digital leaders who are a group of children work across the school to support the children, staff and parents to make the most of the technology that we have in school.

The Robotics teams at Howes are currently placed 1st and 2nd in the UK.