Computing at Bishops'

The Vision *(or intent…)*

At the Bishops' we want every pupil and member of staff to become a confident, competent and creative user of information and communication technology.
We want to ensure that every learner has the opportunity to develop and practise their Computing skills in a variety of curriculum and cross-curricular contexts.
To do this we provide a high-quality computing education to equip pupils to meet the ICT challenges in their continuing education, at home, leisure and work.
We know that technology can provide:

- enhanced collaborative learning opportunities;
- better engagement of pupils;
- easier access to rich content;
- support of conceptual understanding of new concepts and can support the needs of all our pupils.

We want computing to be fun, exciting, and accessible to all – and we want to help the children to '***let their light shine***' in computing and in their online lives just as we do in all the curriculum.

How Computing is Taught (or *implemented*)

The children at the Bishops' really enjoy using computers and the school has a suite of 16 computers, situated in the library, with each class timetabled to use them. Children are taught specific skills according to the computing curriculum, which builds skills from Foundation Stage to Year 6. Android tablets are available throughout the school and we have recently provided the KS2 classes with laptops, allowing children to develop these skills further into all areas of the curriculum.

Computers and laptops are linked to the network to enable pupils to gain access to their work folders and access the internet from any work station. We have Interactive boards in all the classrooms.

During lockdown the children became proficient at using Google Classroom for their work and Google Meet for on-line teaching. Children have the option to continue to use Google Classroom for their homework.

'Live Fully, Laugh Often, Learn Deeply,
Love as God Loves You …… and Let Your Light Shine!'

What else is special about Computing at The Bishops'?

Children are very keen to share their computing work in class and in class assemblies and it is amazing to see how creative they are.

Hyperlinked PowerPoints, movies, news reports, animations and photographs are created and edited by the children and they get the chance to use robots to explore work on coding further.

They love sharing those skills with children in the younger classes, supporting them in their learning. Some classes have even programmed a message that was played to the astronauts on the International Space Station.

It is good to see how children use their knowledge of computing and develop it further with classwork and homework.

What is the *Impact* of all this?

We hope through our creative curriculum that children will become confident and enthusiastic users of information and communication technology and that they will enjoy Computing. Children will understand and appreciate the value of Computing in the context of their personal wellbeing and the technological, creative and cultural industries and their many career opportunities. They will be able to create content in imaginative ways and will be safe users of the internet. Children will have all the skills needed and be ready to adapt them to any career they choose to follow.

The Computing curriculum will contribute to children's personal development in creativity, independence, judgement, and self-reflection and will let them *'live fully.'*

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