Brook Community Primary School

Information, Communication and Technology Vision

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1. What is Information and Communications Technology (ICT)?

ICT is an umbrella term that includes any communication device, encompassing radio, television, cell phones, computer and network hardware, satellite systems and so on, as well as the various services and applications with them such as email, file storage, video conferencing and distance learning

2. Background:

BROOK COMMUNITY PRIMARY SCHOOL

Nurturing, Achieving & Growing Together

Our vision is to ensure that every child in our care achieves their full potential within a family centred environment where tolerance, respect and excellence are at the heart of everything we do.

Our school values are Aspiration, Determination, Respect and Fun, and we endeavour to embed them across all curriculum areas.

Our size is one of our greatest assets. It enables us to provide a nurturing, family atmosphere where all our pupils are valued as individuals and are taught according to their strengths and weaknesses, not just their age.

Our job is not just about giving every one of our children the very best education, but also inspiring them to become interested, curious, lifelong learners who relish the delights of discovery. We provide a learning environment which contributes to the development of both technical and non-technical skills by giving our children suitable access to contemporary equipment and technologies, with staff who are equipped with up-to-date skills and knowledge.

We want every child in our school to be happy, feel cared for, valued and trusted. Within a creative and challenging curriculum, we seek to develop a culture where children gain the confidence and self-respect to take responsibility for their own learning and work hard to achieve their full potential.

While encouraging the family ethos that our small size makes possible, where children of different ages work and play together and look after one another, we also aim to be outward looking, working with the wider community to fully prepare our pupils for life in an increasingly culturally diverse society.

We want our school to provide an inspiring and enriching rural environment that is both safe and stimulating; a school that serves the needs of all our children, whatever their abilities. By fostering their curiosity, imagination, creativity and sense of self-worth, we aim to give all our children the inner resources to face the challenges of a rapidly changing world.

In order to fulfil this vision the school needs to provide the best tools and environment for both the staff and pupils.

In today's world, ICT plays a fundamental role in everyone's lives, puts more information than our grandparents could have ever imagined at our fingertips and makes the world a smaller place to live.

3. Scope:

The scope of this vision does not include the delivery of the Computing curriculum, this is included in the School's Computing Policy.

This Vision is focused on the technology and infrastructure required for the school to operate and function in the modern world. However, the same technology and infrastructure will support and enable the delivery of the Computing curriculum.

The [Computing policy](#) can be found on the Brook Community Primary School website.

4. ICT Vision:

Brook Community Primary School's ICT Vision is*:*

"To provide a High Quality, Reliable and Secure ICT capability for all, supporting both operational and curriculum delivery. We will be an exemplar of technology adoption and integration, not just within Kent but Nationally."

Realisation of this Vision will depend on the use of Cloud technologies, highspeed local network and an internet connection.

The integration of reliable and resilient technology in the school for both operational and curriculum delivery will allow staff to trust that the systems and infrastructure work. They can be used to reduce workload by improving communication, collaboration and planning. The use of Cloud services and systems has been proven to provide increased productivity, flexibility and can reduce running costs on average by 22%.

Reliable systems also eliminate the need for teachers to prepare alternative approaches should technology fail, and thus save teachers time.

Often in schools, blackboards have been replaced by white boards that have later been replaced by Smart boards but the actual use and interaction with these tools has rarely changed and so the full potential of these advances in technology has not been fully realised.

Integration of new technologies brings with it a behaviour and cultural change that is often overlooked. It is paramount to the successful delivery the school's ICT vision that the concept of corporate change management is taken seriously and staff and pupils are fully engaged, as key stakeholders, with the implementation of new technologies and not just swept along with the flow of change.

Brook Community Primary School is a small rural school and this presents us with a unique opportunity to provide enterprise grade infrastructure services and the introduction of new and disruptive technologies, for a fraction of the cost with which a larger school would need to contend.

5. Approach:

The following 7 areas are paramount and the focus of our attention to make this vision a reality:

1. Defining an ICT Strategy for Brook Community Primary School
2. Choosing the right broadband for our School
3. Reviewing our Schools ICT infrastructure
4. Moving our School to the Cloud
5. Using technology more effectively
6. Protecting our School's data
7. Our approach to Technology and Service procurement

The recent DfE Strategy "Realising the potential of technology in education" published in April 2019 focuses on the relationship between schools and the Education Technology (EdTech) industry. Brook Community Primary School's ICT Vision is totally aligned to this strategy and the DfE "EdTech Framework for change" provides a perfect vehicle to enable successful delivery of change and ensure the realisation of the school's ICT vision, and should be a foundation for the school's ICT Operational strategy.

EdTech Framework for Change

Step 3
Implement, integrate, iterate and innovate

Step 2:
Develop implementation strategy and overcome the barriers

Infrastructure   Skills   Safety   Procurement

Step 1: Set vision for use of EdTech

Administration   Assessment   Teaching practice   Continuing professional development