Milton Road Primary School

ICT Strategy

At Milton Road Primary School, we want all children to be life-long learners and to be ready for the heavily digital environments they will inevitably encounter, not only at secondary school but in the 21st century workplace. As such, we wish to support all children in developing their confidence in the use of Information Communication Technology (ICT).

In turn, we believe that that ICT can enhance teaching and learning across the curriculum. We believe that the thoughtful and effective use of ICT by teachers, and the strategic provision of appropriate ICT resources, can have a positive effect on children's development and achievement.

We are aware of the wider benefits of ICT in that we know that it make an important contribution to allowing the school to work collaboratively with its community, both locally, nationally and even internationally.

Our ambition is for all members of the school community – both children and staff – to be e-literate: competent and confident users of ICT.

We believe that an effective implementation of the school's ICT strategy will make a very positive contribution to the promotion of our school values. Children's competence and **confidence** with ICT will allow them to their exercise their **curiosity** and **creativity** as they use ICT to explore, discover and respond to different learning opportunities. In turn, in developing concepts of digital citizenship, children will be able to demonstrate a **responsible** and respectful approach to their use of ICT, displaying **respect** and **kindness** in their interactions with others.

Aims:

1. To ensure all staff and children can competently and confidently make effective use of ICT in enhancing teaching and learning across the curriculum;

2. To ensure ICT is used effectively and appropriately to improve access to learning for pupils with a diverse range of individual needs, including those with SEN;

3. To use ICT in raising standards in both literacy (English) and numeracy (Mathematics) and across the curriculum;

4. To use ICT as a means of supporting learning beyond the bounds of the school building and outside of the school day;

5. To use ICT to effectively support the management of the school and as a tool for whole-school improvement;

Objectives

a. To make effective use of the existing ICT infrastructure in improving learning at all levels and in all areas of the curriculum.

b. To provide access to high quality ICT facilities in every classroom and around the school.

c. To further develop the school website as the 'shop window' of the school and to celebrate the success of pupils.

 d. To enable all staff and students to safely and effectively use the internet both to access resources and to publish their own materials

e. To use ICT to increasingly encourage pupils to take responsibility for their own learning

g. To provide training for all staff in making effective use of ICT resources in improving learning.

h. To provide a level of technical support that will maintain the confidence of all users.

Strategy Statement
At Milton Road Primary school, we recognise the importance of having an evolving and proactive strategy. Underpinning our strategy is a focus on the teaching and learning environment we are seeking to achieve. The following provide a summary of the key aspects of the environment we are seeking to achieve.
Through the development of our use of ICT we wish to:

- Empower learners – With more active learning, pupils of all ages could take more responsibility for what and how they learn, achieving their personal learning goals.

- Be creative and innovative – Teaching should be increasingly creative, developing new ways of teaching and learning for the 21st- century.

- Offer flexibility – An increasingly responsive education system would adapt to the needs of all learners, wherever and however they need to learn, on site, at home or anywhere with on-line access.

- Support Individualised learning – e-learning can provide an individualised learning experience for all learners, including those who are disadvantaged, disabled or who have special curriculum or learning needs.

- Support collaborative learning – e-learning offers a wide range of online environments, these allow people to work with and learn from other individuals or groups of learners, as well as teachers, and develop the cognitive and social skills of communicating and collaborating.

- Provide tools for teachers and learners to innovate – e-learning offers a wide range of design tools to enable teachers and learners to be innovative, creating and to share ideas.

- Support Online communities– the Internet can bring pupils, teachers, specialist communities, experts, interest groups together to share ideas and good practice, contributing to new knowledge and learning.

- Support children in becoming responsible digital citizens who have the necessary skills, knowledge and experience to behave responsibly and respectfully online and when using ICT.

The Curriculum.
ICT is seen as a key element underpinning learning in all subjects. Children across the Key Stages receive direct teaching to develop their ICT skills and are encouraged to apply and further develop what they have learnt in the context of everyday lessons. They are also taught an explicit programming curriculum, in line with the demands of the National curriculum.

Facilities/Resources.
Currently, Milton Road Primary School has a very limited range of high quality ICT resources. In order to effectively implement the school's ICT strategy, further investment is needed.

Key Priorities have been identified:

Resource	Purpose
Installation of an IT/Computer suite	To support the effective delivery of the computing curriculum, as well as providing access to the internet and a range of educational software to support learning. To provide access to a PC for each child in the class, so that they are able to work individually, as well as with others.
Provision of Clevertouch interactive boards in all classrooms	To support the delivery of the curriculum by providing teachers and children with a wide range of appropriate teaching and learning resources.

	To support teachers in the delivery of engaging lessons which meet the needs of all learners.
Provision of a bank of iPads (tablets)	To support children's learning and accessing of the curriculum, by providing the resources to allow them to respond creatively to learning opportunities and to express their curiosity. e.g. Use of video; photography; sound as a means of response. Providing resources which support research and both individual and group responses to learning opportunities.

To support our development of ICT and to ensure we maintain a coherent vision with regard to development, we know that the following questions need regular review and consideration.

- What is the school's vision and what does it need to achieve that?

- Is the school making best use of the systems it has?

- Is the school using ICT to improve the effectiveness of the organisation?

- Is the school making the best use of ICT to monitor the effectiveness of teaching and learning?

- Are all staff competent in the use of ICT?

- Is the ICT technical infrastructure fit for purpose, and is there a plan to spread the cost of replacing kit?

- Is an information management strategy in place to ensure that personal information is protected?

- Is any investment in ICT going to improve pupil outcomes?

The answers to these questions will support future planning and decision making as well as guide our thinking with regard to resourcing.