OUR LADY IMMACULATE CATHOLIC PRIMARY SCHOOL COMPUTING POLICY

Statement of Intent

At Our Lady Immaculate Catholic Primary School, we understand that a high-quality computing education is essential for pupils to understand modern information and communication technologies (ICT), and for them to use these skills to become responsible, competent, confident and creative participants of an increasingly digital world.

Throughout this policy, we outline how we, as a school, will deliver the requirements of the KS1 and KS2 computing programmes of study, and to ensure that our pupils have the digital skills they need. We aim to inspire pupils to continue to learn and apply the skills they learn at secondary school, university, and beyond in the workplace.

Legal framework

This policy has due regard to all relevant legislation and statutory guidance including, but not limited to, the following:

DfE (2013) 'Computing programmes of study: key stages 1 and 2'.

Roles and responsibilities

The headteacher will:

- Meeting statutory Computing requirements.

- Ensure that there is a Computing Policy and that it is implemented.

- Review and update the Computing Policy with the Computing Coordinator.

- Ensuring that the Computing Co-ordinator is effectively line managed and supported.

- Monitoring and evaluating the purchase of Computing equipment.

- Receive and respond to online safeguarding reports

The computing subject leader will:

- Secure and maintain computing resources, and advise staff on the correct use of digital technologies.

- Offer help and support to all members of staff in their planning, teaching and assessment of computing.

- Keep the headteacher and other stakeholders, such as parents, informed about the implementation of the primary computing curriculum.

- Keep up-to-date with new developments in computing and communicate such information and developments to colleagues, including, where necessary, through the creation and delivery of bespoke training programmes.

- Attend appropriate in-service training.

Teachers will:

- Plan and deliver the requirements of the KS1 and KS2 computing programmes of study to the best of their abilities.

- Set high expectations for all their pupils, including pupils with special educational needs and/or disabilities (SEND), pupils from various social, cultural and linguistic backgrounds, and academically more able pupils.

- Encourage pupils to apply their knowledge, skills and understanding of Computer Science, ICT And Digital Literacy across the curriculum.

- Maintain up-to-date records of both formative and summative assessment.

- Tailor lesson delivery according to pupils' respective abilities.

EYFS

Although computing is not a statutory part of the EYFS, we will ensure that children of reception age receive a broad, play-based experience of computing through the use of new technologies.

KS1

Pupils will be taught to:

- understand what algorithms are; how they are implemented as programs on digital devices; and those programs execute by following precise and unambiguous instructions

- create and debug simple programs

- use logical reasoning to predict the behaviour of simple programs

- use technology purposefully to create, organise, store, manipulate and retrieve digital content

- recognise common uses of information technology beyond school

- use technology safely and respectfully, keeping personal information private; identify

- where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

KS2

Pupils will be taught to:

- design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts

- use sequence, selection, and repetition in programs; work with variables and various forms of input and output

- use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs

- understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration

- use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content

- select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that

- accomplish given goals, including collecting, analysing, evaluating and presenting data and information

- use technology safely, respectfully and responsibly; recognise

- acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact

Online Safety

Internet access is planned to enrich and extend learning activities. Our Lady Immaculate Primary School has acknowledged the need to ensure that all pupils are responsible and safe users of the Internet and other communication technologies. An Online safety policy has thus been drawn up to protect all parties. The Computing Subject Leader works alongside the Child Protection Officer to ensure that internet safety remains a high priority.

Although the school offers a safe online environment through filtered internet access, we recognise the importance of teaching our children about online safety and their responsibilities when using communication technology.

Curriculum Delivery

- Teaching of digital literacy and ICT is largely delivered through cross-curricular subject links.

- The core requirements of the KS1 and KS2 computing programmes of study, such as coding/programming, will be delivered through the MGL scheme of work.

- An audit of resources is taken on an annual basis to ensure that our computing provision remains appropriate to the latest requirements of the KS1 and KS2 primary computing programmes of study.

- Web filters are kept up-to-date in order to ensure that pupils don't access inappropriate materials.

- Obsolete or broken machines are recycled, repaired in accordance with data protection requirements.

- A service level agreement (SLA) with CUC solutions is in place to support the computing subject leader to fulfil this role.

Inclusion

It is the responsibility of all teachers to ensure that all pupils, have access to the curriculum and make the greatest progress possible.

In order to ensure that children with SEND achieve to the best of their ability it may be necessary to adapt the delivery of the Computing Curriculum. We do this by setting suitable learning challenges and responding to each child's different needs.

Assessment

Pupils' knowledge and understanding of the primary computing curriculum will be assessed termly using the MGL End of Unit Assessment Quizzes

Ongoing formative assessment monitors pupil performance and progress during learning; the outcomes of which we will use to ensure that work matches the individual needs and abilities of pupils.

CPD

The computing subject leader will be responsible for the identification and delivery of staff training requirements.

Staff training requirements will be met by:

- Auditing staff skills and confidence in computing.

- Arranging top-up training for individual staff members as required.

The computing subject leader will remain up-to-date with the latest developments in computing through subscriptions to relevant journals, attendance at relevant courses, etc., and will pass on any newly acquired knowledge/skills to staff members, where appropriate.

Monitoring and evaluation

We appreciate that computing is rapidly developing, with new uses and technology being created constantly.

We will review this policy on a biannual basis in line with our policy review schedule.

Approved: Spring 2026
Review date: Spring 2028

Annually our web filters are checked in order to ensure that pupils continue to be protected from inappropriate content online.

Resources

Our school has the appropriate computer-to-pupil ratio, and Internet access. Most software is already installed on PCs and Macbooks for the children to use. There is also iPads available to support all children with aspects of the curriculum.

Members of staff report faults to the Computing Curriculum Lead or Office Manager and this will be reported and managed with support from an external consultant.