



Focus on Computing



Intent: Enjoy – Enquire - Excel

We aim to:

- Develop a love and **enjoyment** of Computing and technology
- Build knowledge through a broad, vocabulary-rich curriculum, with practical opportunities that encourages the children to **enquire**
- Offer high quality teaching with **high expectations** for all
- Relate Computing to everyday life
- We give children a firm foundation on which they can build at secondary school
- Enable children to be safe digital citizens in the online world

Implementation: How? (organisation)

- Computing is taught explicitly, although may make relevant links with the creative curriculum
- In the EYFS Computing is taught through the personal, social and emotional and expressive arts and design areas of learning – this ensures that children have the foundations to be able to access subject specific content when they reach KS1
- In KS1 and KS2 teachers use the Teach Computing program of study to ensure that specific developmentally appropriate content is taught
- Each class has a timetabled slot for accessing the computers
- Our curriculum is based on our values: **Enjoy – Enquire - Excel**

KS1 curriculum

- understand what algorithms are; how they are implemented as programs on digital devices; and that 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 CURRICULUM

- 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

IMPACT - evidence

At Glenfall, we have **enquiring, motivated, resilient learners**, who speak of their love of Computing

Computing **lessons** are fun, engaging and give children the tools they need to use ICT effectively and safely

Monitoring of Computing

- **The subject is monitored in line with the school's MER cycle. These reviews include:**
 - **Opportunities for children and staff to speak about the subject**
 - **Communication with the subject governor**
 - **Observations of Computing lessons**
 - **Review of Computing policies within school**