Hanley St. Luke's C of E Aided Primary School

Computing Curriculum Policy

1. Introduction

1.1 Computing is one of the foundation subjects within the New National Curriculum. This policy outlines the purpose, nature and management of the computing taught in our school

1.2 The school policy for computing reflects the consensus of opinion of the whole teaching staff and has the support and agreement of the Governing body. This policy was reviewed in January 2016

1.3 The implementation of this policy is the responsibility of the Headteacher and all the teaching staff

2. The Nature of Computing

2.1 Computing prepares pupils to participate in a rapidly changing world in which work and other activities are increasingly transformed by access to varied and developing technology.

2.2 Pupils will focus on computational thinking and creativity as well as opportunities for creative work in programming and digital media.

2.3 Increased capability in the use of computing promotes the principles of information and computation, how digital systems work and how to put this knowledge to use through programming. Building on this knowledge and understanding pupils are equipped to use information technology to create programs, systems and a range of content. Computing also ensures to pupils become digitally literate s able to use and express

themselves and develop their ideas through information and communication technology s at a level suitable for the future workplace and as active participants in a digital world.

2.4   The nature of computing means that it can be used in all curriculum areas supporting and enriching the children's learning experiences. The children will have experience and develop their knowledge, skills and understanding in the following specific areas: Computer Science, Digital Learning and Information Technology. The teaching of computing will be split into the three strands as shown below in each of the two key stages.

3. All teaching areas and the IT Suite have access to the Internet. This is used regularly to enhance the curriculum and develop the children's research skills. We will also be making use of tablets to enhance learning within the classroom setting, these can also be used as an assessment and monitoring tool.

4. Entitlement

4.1 The children's entitlement is based upon the programmes of study for computing as defined in the Statutory Orders

4.2   All children should develop positive attitudes towards computing. They should develop an understanding of the potential of computing and confidence and enjoyment in its use.

5. Implementation

5.1.1 As part of the children's experiences in the core and foundation subjects, they will be given the opportunity to develop their computing capability. For details of specific applications, see the policy statements and schemes of work for the other curriculum areas

5.1.2 In the Foundation Stage the children will have experience with: Multimedia PC, programmable toys, digital cameras, voice recorders, role-play equipment, TV / Video, DVD's

5.1.3 In K.S.1 the children will have experience with:

Multimedia PC, Interactive Whiteboard, Bee-bots, digital cameras, TV / Video, DVD's

5.1.4 In K.S.2 the children will have experience with:
Multimedia PC, Interactive Whiteboard, digital cameras, TV / Video, DVD's

5.1.5 In both KS1 and KS2 the children will be taught the programmes of study for computing during their lessons in the IT Suite. All classes are able to book the ICT suite for use in the rest of the curriculum.

5.1.6 Throughout their school career the children will have experiences in a variety of software that allows teachers to provide for progression in skills, concepts and applications

5.1.7 The children will gain an understanding of the place of computing, both in their own use of computing and in their experience of computing in everyday life

5.1.8 The children will have the opportunity to work both individually and in small groups. Each year group will have an individualized programme planned to develop specific computing skills as well as using computing to enhance the whole curriculum. Increasingly the children will become more independent in their use of computing and the choices of software required for any given curriculum activity

5.1.9 The very nature of computing means that it allows children with special educational needs access to the curriculum through the use of special software. All children will have access to the use of computing irrespective of age and ability

5.1.10 There is equal access for both boys and girls to all aspects of computing. Positive attitudes towards computing should be developed for both boys and girls and all children should develop an enjoyment of computing

5.1.11 Each class has at least one computer and software as set down within the schools curriculum framework. Children should not use software

other than that set down within the schools curriculum framework, unless it has been approved by the computing co-ordinator.

5.2   The school has wireless broadband access to the Internet through the LA firewall, thus ensuring as far as possible a safe environment for all children to research and develop their computing skills.

6. Assessment

6.1 Children's work in computing is assessed throughout the programme of study. Teachers report on computing to parents at the end of each academic year

7. E-Safety
There is a separate e-safety policy, which outlines the school's policy on E-Safety. The children are reminded throughout the year when using the computers or other devices capable of accessing the internet regardless of the subject.

8. Background Documentation

8.1 This policy was informed by reference to the Statutory Orders for computing and guidance from the Lincolnshire Curriculum Service and NAACE.

9. Review

9.1 The Head teacher and staff will review this policy when necessary

Policy amended 6th January 2016 by James Woods - Computing Leader

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