Rosslyn Park Primary and Nursery School

Computing Policy

Agreed by the Governing Body (date)…….

Signed ……Chair of Governors

Rosslyn Park Primary and Nursery School Computing Policy

What is Computing?

The National Curriculum states "The core of computing is Computer Science, in which pupils are taught the principles of information and computation, how digital systems work and how to put this knowledge to use through programming." Computers are the most obvious examples of technology to use but also mobile technologies such as iPads and programmable machines and devices such as Beebots are important tools to enhance the children's learning and understanding. As well as being taught as a discrete subject, Computing can be used in teaching and learning across the curriculum through a range of educational activities such as use of cross-curricular apps, data logging, film making, stop motion and programming.

Aims

- To enable children to become familiar and confident in the use of technology and to present it as an enjoyable, challenging and interesting subject.
- To provide children with the opportunities to develop their Computing capabilities in all areas specified by the National Curriculum 2014.
- To provide children and staff access to the Internet and the widest possible range of up-to-date equipment, hardware and software throughout the school to create an enriching e-learning environment.
- To develop a whole-school approach to using technology, where appropriate, in order to raise standards throughout the curriculum.
- To help ensure that the educational needs of all children are met with the aid of technology.

- To ensure that Internet access and the use of E-mail is appropriate and safe.
- To ensure that all technology is used correctly and kept secure at all times.

Roles and Responsibilities

- The Computing Aspect Manager is responsible for the day-to-day implementation of the policy and aspects of the Computing action plan as well as the implementation of a Computing scheme of work.

- All subject coordinators are responsible for integrating effective use of Computing into the scheme of work for all other subjects.

- The Technician is responsible for prioritising and actioning problems logged by staff.

- The school has adopted an acceptable use policy that all parents/carers and staff are required to sign. (See appendix 4 of the e-safety policy.)

- The school should subscribe to the Schools IT technical support arrangements and purchasing guidelines.

- The school's senior management team and governing body are responsible for monitoring the effectiveness of the policy.

- The Headteacher and Computing Aspect Manager are responsible for ensuring that all staff has a wide range of ICT training.

Resources

- The school has a secure network which can be joined by computers throughout the building directly, through an Ethernet connection, or wirelessly. The school has a managed filter that is monitored by Schools IT.

- Every teacher has been issued with a laptop computer for teaching, planning, preparation and assessment purposes with a range of curriculum software programs installed.

- Every teacher has an I-pad that has Class Dojo installed. This helps to managed behaviour and keeps parents/carers informed regularly of activities in school. SIMS is also installed for assessment purposes.

- EYFS staff have I-pad minis, which have 2Simple software installed for ongoing assessment of children and collection of evidence.

- Every teaching assistant has access to a computer to assist them in their role.

- All Key Stage 1 and Key Stage 2 classrooms have an interactive whiteboard installed. There is also an interactive whiteboard in each of the Foundation Units and in the Information Centre.

- There are 6 ipads available to use in the foundation unit.

- There are 33 ipads available to book out for use in classrooms.

- The Information Centre is equipped with a suite of 29 space saving curriculum PCs on worktops angled so that children can easily face the interactive whiteboard. Classes are timetabled for Computing lessons where children have a computer each.

- The school has 32 curriculum laptop computers for cross-curricular work which are stored in the safe. A flexible booking system is in place which allows for them to be used for individual, paired or group work as well as for whole-class teaching.

- Each classroom in the foundation unit and each of the four clusters has its own personal digital camera.

- The school also has a number of ICT peripherals such as digital cameras, camcorders, temperature sensors, a data logger, six flip cams, beebots, probots etc. which are kept in a safe in the Information Centre.