WEST PARK CE PRIMARY SCHOOL

COMPUTING POLICY (Incl. E-Safety)

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<p style="text-align: center">Computing Policy including E-Safety</p>

Introduction:

This policy expresses the school's purpose for the teaching and learning of computing in order to enable our pupils to participate in a rapidly changing technological world.

Purpose:

- All teachers and learners are to become confident users of ICT.
- Our pupils can use computational thinking and creativity to understand and change the world around them.
- Our pupils can make links with mathematics, science and design and technology.
- We can build knowledge about the principles of information and computation, how digital systems work and how to put this knowledge to use though programming.
- Our pupils will become digitally literate – able to use, express themselves and develop ideas through information and communication technology.

Aims:

- All of our pupils should enjoy computing.
- Computing is used to support teaching and learning.
- Computing improves access to learning for SEN, EAL, the disabled and G&T.

Objectives:

- A continuity of experience throughout the school both within and between year groups.
- The systematic progression through EYFS, KS1 and KS2.
- That the National Curriculum Programmes of Study and their associated strands and attainment targets are given appropriate coverage.
- That all children have access to a range of computing resources.
- That computing experiences are focused to enhance learning.
- That cross-curricular links are exploited wherever possible.
- That our pupils' experiences are monitored and evaluated.
- Our resources are used to their full extent.
- Our resources and equipment are kept up date as much as possible.
- Staff skills and subject knowledge are kept up to date.

Curriculum Development:

- Planning for Computing is implemented using two core documents: the National Curriculum Programme of Study for Computing and the Statutory Framework for Early Years Foundation Stage.
- Long and medium-term planning is based around the Rising Stars Switched on Computing (SOC) Scheme of work which covers foundation to Y6. This ensures appropriate coverage and progression.
- Short-term planning includes weekly objectives within blocks of work, varying from one week to six weeks in duration. It also takes full account of differentiation to ensure there are no barriers to learning for G&T, SEN or EAL.
- G&T are also catered for through the Digi-Guru programme run by the computing co-ordinator.
- Each class is allocated time to complete computing studies to accomplish activities and objectives in the Computing scheme of work units. Where possible this scheme will be integrated to ensure that delivery of Computing is linked to subjects and takes on board the statutory requirements of other national curriculum subjects. However due to the nature of some elements of the scheme of work isolated study will need to be adopted.

Resources and Access

- EYFS to Y5 have individual computers in the classrooms to support the development of computing capability outside of the two suites. All classrooms also have a digital projector and Smart interactive whiteboard (IWB) providing a full range of media facilities.
- Suite A has 30 computers (generally enough for 1 computer per pupil), a digital projector and Smart IWB. The classes from EYFS to Y5 have access to one dedicated slot per week and can book additional slots when needed.
- Suite B is situated in the Y6 block and consists of sixteen computers, a digital projector and IWB. Y6 classes can use it on an ad-hoc basis and other year groups can book time slots in Suite B.
- There are 5 PCS in the Y2 corridor, 4 in the Y1 area and 2 outside the Willows. These are used on an ad-hoc basis.
- We have 29 Ipads, 18 of these are available for booking and the other 11 Ipads are used in classes across the school. These all have access to wifi and a range of apps and they are used to support learning across the school.
- Resources, if not in class, are based in the suites or are with the computing co-ordinator.
- The school has an IT technician who works closely with the computing co-ordinator in achieving the overall computing aims.
- Year 6 have access to Edmodo online for collaborative learning and saving work. All children also have access to Education City, SumDog and Times tables Rockstars. The above enable the children to continue their cross-curricular learning at home.
- The computing co-ordinator keeps a list of software and app resources. This is updated every year in accordance with changing needs and is shared with the technician.

- The computing co-ordinator keeps up to date with new technologies and advancements in pedagogy. She works with the technician to maintain existing resources.

Assessment:

- Formative assessment is used by the class teacher and teaching assistant during whole class or group teaching. Children's confidence and difficulties are observed and used to inform future planning.
- Children are encouraged to reflect on the learning objectives and discuss their success.
- Open questions are used to challenge children's thinking and learning.
- Children are encouraged to evaluate their own and others' work in a positive and supportive environment, including peer assessment.
- Teacher's judgements are supported through an electronic portfolio of evidence (retained work) which provides examples of good work.
- The quality of the children's work and progress is monitored by the computing co-ordinator in accordance with the schools monitoring cycle.

e-Safety:

- A progressive e-Safety curriculum ensures that all pupils are able to develop skills to keep them safe online.
- Opportunities for learning about e-Safety are part of HRE and reinforced whenever technology is used.
- Clear rules, in the form of the pupils' Acceptable Use Policy, are reviewed by each class at the beginning of every year. Parents and pupils sign an acceptable user policy together when a pupil first starts at the school
- The SOC scheme of work addresses e-Safety as part of its curriculum. This ensures progression and coverage.
- The school provides opportunities for pupils to consider cyberbullying as part of Anti-Bullying week in the autumn term.
- Opportunities are taken whenever possible to reinforce messages of a healthy life style.
- The technician will be responsible for regularly updating anti-virus software.
- Use of ICT and computing will be in line with the school's 'acceptable use policy'. All staff, volunteers and children must sign a copy of the schools AUP.
- All pupils and parents will be aware of the school rules for responsible use of ICT and computing and the internet and will understand the consequence of any misuse.
- E-safety is acknowledged as being a child protection issue (see the Child Protection Policy).

Equal opportunities:

- The school maintains its policy of equal opportunities as appropriate for Computing.
- Computers and related technology are made available to all pupils regardless of gender, race or abilities.
- The class teacher differentiates work by task, resource or support, to ensure the individual needs of more able and SEN pupils are met.
- The school is aware that not all pupils have the same access to computers at home and this is considered by staff in the planning and delivery of the curriculum.
- Digi Gurus are used across the school to support Teachers and pupils.

Appropriate legislation, including copyright and data protection:

- All software loaded on school computer systems must have been agreed with the designated person in the school.
- All our software is used in strict accordance with the licence agreement.