


Cherry Lane Primary School Computing Policy		
Date policy formulated	Reviewed Nov 2017	
Policy approved by		
Date of next review	Nov 2019	

Aims and Purposes

This policy reflects the values and philosophy of Cherry Lane Primary School in relation to the teaching of Computing; children will have access to all areas of Computing curriculum and have opportunities to:

- Develop Computing capability, and confidence, including their knowledge and understanding of the importance of information and of how to select and prepare it;
- Develop their skills in using hardware and software to manipulate information in their processes of problem solving, recording and expressive work;
- Develop their ability to apply their Computing capability to support their use of language and communication, and support their learning in other areas;
- Explore their attitudes towards Computing, its value for themselves, others and society, and their awareness of its advantages and limitations.

The national curriculum for computing aims to ensure that all pupils:

- can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation
- can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems
- can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems
- are responsible, competent, confident and creative users of information and communication technology

Content

The Purple Mash Computing scheme of work is used in years 1 - 6.

In 2016 the server was upgraded to Windows 7 and new Dell Optiplex 3020 PC's were replaced throughout the school. In addition to this new software was installed as requested by staff to support a wide range of the new curriculum area.

Each Computing unit develops and reinforces skills, such as writing and presentation, spreadsheets, art and design, music, data bases and graphing, e-mail and Internet, communication and networks, and coding and computational thinking. Cross curriculum links are highlighted on individual curriculum plans.

The Purple Mash units are generally followed in order. A couple of units have been switched to suit the differing lengths of each half term.

End of Key Stage Expectations

End key stage expectations are highlighted in the National curriculum document and are reflected through the Purple Mash Computing Scheme of Work, which is followed by all staff.

E-safety

The Internet is an essential element in 21st century life for education, business and social interaction. At Cherry Lane we have a duty to provide students with quality Internet access as part of their Learning experience. We are committed to ensuring our pupils know how to use technology safely and respectfully, keep 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. E-safety is taught in each year group using the Purple Mash Online Safety unit of work.

- Staff and pupils should all be made aware of the Internet policy and the eSafety Policy (See Appendix 1).

Early experiences

The differing backgrounds children have in Computing capability offer a significant challenge to teachers. Children who have access to computers outside school often have greater skills in handling hardware and software. By observing children's developing Computing capability, teachers will be able to ascertain what tasks and expectations would best support their learning.

Special Educational Needs

At Cherry Lane Primary School our children work at levels appropriate to their abilities. Provision for children with SEN in relation to Computing is the responsibility of the class teacher, support staff and SENCO as appropriate. Computing especially provides a means where SEN children are able to present and develop their work easily. Where possible the computer/Ipad is made available for specific children to work with support staff so that work can be drafted and redrafted.

Equal Opportunities

We are committed to providing all pupils with an equal access to the curriculum and strive to enable each pupil to reach their unique potential.

We recognise that pupils bring to school different experiences, interests and strengths which affect their ability to respond to learning opportunities. Teaching and learning strategies in Computing are planned to enable the full and effective participation of all pupils.

Assessment and Reporting

Assessment and evaluations are continuous focusing on progress and achievement and National Curriculum coverage. Computing is assessed through observation of child or group, on discussion with children, children's evaluations and work saved. Individual teachers use methods appropriate to their class. The assessment aids future planning and provides information on progression and development of skills.

Parents are informed of their child's progression in the annual parents report.

Governors will take a strategic overview of the policy review cycle as scheduled, as part of the monitoring process. The Governors will receive updated information from the head, curriculum co-ordinator and the Computing coordinator.

Internet Access policy and rules for responsible Internet use.

Computers are installed with Internet access to help our learning. The rules will help to keep everyone safe.

- We will use the Internet when an adult gives permission.
- We will only use **our own** log in numbers to access email and work.
- I will not attempt to log in on other people's files.
- I will only use the Internet for schoolwork.
- I will not bring any CD Roms to school unless I have been given permission.
- I will only email people my teacher has approved.
- I will only access websites that are agreed in school (Hillingdon have a very good filtering system for unsuitable sites).
- The messages I send will be polite and sensible.
- I will not give out my home address or telephone number on any website.
- I will help to protect myself and other pupils by reporting anything I see that is upsetting. This includes pictures, and words on websites and in emails I receive.
- I understand that the school will check my files and may monitor the Internet sites I visit.

Please also see the eSafety Policy in the Policy File.