

ST PATRICK'S PRIMARY SCHOOL

COMPUTING POLICY

MISSION STATEMENT

As the pupils, parents, staff and governors of St Patrick's school:

OUR MISSION IS TO FOLLOW THE LOVING EXAMPLE SHOWN BY JESUS CHRIST

Computing is an integral part of our society. It is a way of communicating and accessing information that is important in all aspects of life and equips pupils to use computational thinking and creativity to understand and change the world. It has an important role in helping children to enjoy and achieve and for preparing them for the challenges they are going to face in the future.

AIMS

- Pupils will be provided with a relevant, challenging and enjoyable curriculum for computing.
- Pupils will be responsible, competent, confident and creative users of information and communication technology.
- Pupils will be given opportunities to build on knowledge, understanding and skills already acquired.
- Pupils will be provided with the teaching to meet the requirements of the national curriculum programmes of study for Computing.
- Pupils will be given opportunities to use an ever increasing range of new technology to support their work in other curriculum areas.
- Pupils will be able to use Computing to present their work in different ways appropriate to the task and audience.
- Pupils will be encouraged to think of Computing as a tool to use in other curriculum areas and not in isolation.

OBJECTIVES

- Pupils will be able to understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation
- Pupils will be able to analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems
- Pupils will be able to evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems

Working Procedures

- Medium term plans based on Switched on Computing schemes of work are used to support delivery.
- There are 30 networked laptops for shared use throughout the school which are all loaded with Southampton Kitbag Software.
- All our children have filtered access to the internet which is available through the Local Authority.
- Health and Safety in Computing is taught to the children on an ongoing basis.
- Safety on the internet is taught during Internet based topics.

Equal Opportunities

- All pupils will have access to Computing regardless of gender, race, cultural background or any physical or sensory disability.
- The curriculum and activities provided will be differentiated, in accordance to the needs and abilities of each pupil through: task, outcome, pupil groupings, additional support and equipment.

Assessment, Recording and Reporting

- Progress in Computing is measured by what the child has achieved in the skill lessons and evidenced by the work saved.
- Progress will be reported to parents as part of the child's annual school report.
- Evidence of their work will be stored on the school server on the secure Pupil drive.

The Role of the Computing Co-ordinator

- Lead by example in the teaching, promotion, monitoring and assessment of Computing.
- To keep up to date with developments and disseminate information to colleagues.
- To support colleagues in their own development and in using new material to ensure effective teaching can take place.
- Ensure resources are adequate and appropriate for all levels of learning.
- Monitor and assess the teaching of Computing across the Foundation Stage and Key Stage 1 and 2 to ensure continuity and progression.
- To liaise with Computing technical support when and if there are problems.

Health and Safety

- Care is taken to ensure that children do not use the computers for long periods of time without a break.
- Separate log-ins and passwords are used for pupil and staff access to ensure sensitive data is secure.
- All electrical equipment is checked annually by the Local Authority.
- All electrical work is completed by a recognized company and sourced through the Local Authority.
- The school's internet is provided by the Local Authority and is filtered.
- Children are encouraged to use a appropriate search engine such as google.com.
- Children can only use the internet if supervised by a responsible adult.
- Rules for Responsible Internet Use are discussed with children during Internet based topics. (Appendix 1)
- Anti-virus software is installed on the laptops and is automatically kept up to date through a service provided by the Local Authority.
- Technical support is provided by the school's Computing technician.