

Parkinson Lane Community Primary School
Curriculum & Community Policies
Computing

Computing is an innovative and empowering subject, encompassing a multitude of different skills which give children the platform to be the digital leaders of the future and the ability adapt to an ever-changing world. To enable children to excel in Computing, pupils will develop their understanding of Computer science, Digital Literacy and IT (information technology).

Purposes

1. Promote Computer science, digital literacy and IT capability in all children.
2. Fulfil the legal requirements of the National Computing Curriculum.
3. Develop pupil's confidence and sense of achievement within Computing.
4. Give pupil's an understanding of the relevance of Computing in the world around them.
5. Develop key computational thinking skills within learners, such as logical reasoning and problem solving, which have relevance across the curriculum and towards a pupil's holistic development.
6. Give pupils the practical skills they need in order to use ICT efficiently and effectively.
7. Promote Computing across the curriculum by finding relevant cross-curricular links to subjects including Maths, Science and English.
8. Promote the e-safety awareness of all pupils to safeguard their well-being and understanding.
9. Support all staff in their training needs relating to Computing.
10. Continually seek innovative approaches to teaching and learning within Computing.

Broad Guidelines

1. Staff actively encourage equal Computing access for all pupils.
2. Teaching methods will vary according to the type of activity being undertaken.
3. The school has designed, in consultation with all staff, an appropriate scheme of work. Skills are taught within the classroom and ICT suite, where they will be taught in accordance with the relevant unit of work.
4. Learning will be assessed against new curriculum objectives through a range of formative and summative teacher assessment strategies and recorded on a whole school tracking system. Children will be able to see their own progress through their own, recently updated, Computing Learning Passports.
5. Staff are aware of Health and Safety as well as e-safety issues to ensure the working environment is safe.
6. Teachers are responsible for the planning, delivery and assessment of Computing.
7. The ICT technician will be responsible for the day to day upkeep of ICT resources.
8. SMT, in line with Governors, will be responsible to ensure the necessary resources are allocated within Computing.
9. The Computing manager will monitor the planning, delivery and assessment within Computing and will support staff in order that they may increase their own skills and therefore ensuring the high quality of teaching and learning within the subject.
10. Children will be taught how to use the internet safely and appropriate filters are in place to safeguard them within the school.

Conclusion:

Computing forms an integral part of the school's curriculum and strategy for learning. Investment has been made to ensure its integration throughout the school with the support of curriculum managers, SMT and Governors.

Date recommended by committee: 4 Sept 2018

Date approved by FGB: 11 March 2019

Signed Chair of Governors