



Computing Curriculum Information

The Computing curriculum follows a theme based approach whilst offering the children a range of relevant and purposeful experiences that will enable them to develop the skills and knowledge to equip children to become digitally literate - able to use, and express themselves and develop their ideas through, information and communication technology - at a level suitable for the future workplace and as active participants in a digital world.

The children will be taught and given opportunities to:

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

Assessment of Computing

At Cotsford Primary it is our intention that all children will at least reach their age related expectations as described in the National Curriculum. However, through a curriculum that is challenging and relevant to the children we expect children to achieve greater than age related expectations.

Children who are not meeting age related expectations will be supported by staff through differentiated tasks and targeted small group work. The direct use of key questions and targeted support will be offered to ensure that any gaps between groups of children are closed.

Assessment of the children's computing skills will be assessed by the class teacher. There will be a range of evidence to support teacher judgement including saved work on computer network, photographs and assessed pieces of work.

Monitoring of Computing

The quality of the learning across the school is monitored by the Computing Subject Lead Teacher.

Monitoring includes the Subject Lead Teacher observing learning within lessons, planning scrutiny, work scrutiny and discussions with children. Analysis of data is also undertaken to ensure that standards are high and that improvements are made where necessary.

Training is offered to all Subject Lead Teachers to ensure that their knowledge and skills are up to date and accurate.

The Subject Lead Teacher meets with the Special Interest Governor for Computing to share school improvement plan initiatives with them and ensure that governors are aware of standards across the school.