



## Policy for Computing

### Purpose

- For the effective implementation of the COMPUTING curriculum through direct teaching and links to the core and foundation subjects of the curriculum.
- For members of the teaching staff and teaching assistants to support and develop effective use of COMPUTING throughout the school.
- For sharing work with other classes and parents school website.

### Context

This is an initial policy developed by the COMPUTING Co-ordinator to support the implementation of the Programme of Study as identified on the curricular map.

### Nature

COMPUTING prepares pupils to participate in a rapidly changing world in which work and other activities are increasingly transformed by access to varied and developing technology including algorithms, coding, debugging and internet based learning. Pupils use COMPUTING tools to find, explore, analyse, exchange and present information responsibly, creatively and with discrimination.

### Leadership and Management

The COMPUTING Co-ordinator will have responsibility for the management of the subject and providing support for the teaching staff. The teaching staff will have responsibility for the implementation of units of work identified in the programme of study.

The co-ordinator will have the expertise to support all staff by;

- acting as a role model
- keeping informed on current issues
- sharing ideas and learning from others
- identifying training and development needs
- maintaining resources in good order

### Staffing

The COMPUTING Co-ordinator and COMPUTING support will monitor all aspects of COMPUTING, while COMPUTING will be taught by all teachers and supported where appropriate.

### Entitlement

Pupils should be given the opportunity to apply and develop their COMPUTING capability through the use of COMPUTING tools to support their learning in all subjects.

## **National Curriculum**

The new curriculum has given guidelines of what the children should be taught in relation to Key Stage.

Each year group will follow the scheme of work identified on the school's curriculum map.

## **Implementation**

Individual class teachers and Year group teams are responsible to ensure detailed planning, delivery and ongoing evaluation is conducted for their own class/year group according to the school's current policy.

- Long term yearly teaching programme. Overall planning of unit structure and time of delivery is set out in the school's Curriculum Map.
- Medium and short term planning (format to be revised and implemented.)
- Co-ordinator reviews planning to ensure continuity and progression.

## **Assessment and recording**

Teachers should use end of key stage level descriptions to inform their planning and assessments.

Examples of work at each level is to be collected by COMPUTING Co-ordinator to assist teachers with the assessment process.

Teachers will update assessments on Class Room Monitor termly and assess against the National Curriculum statements.

The purpose of assessment will be to:

- monitor progress
- set new targets
- ensure progression
- provide evidence to support statements of achievement.

End of year reports provide a statement of each child's achievement.

## **Monitoring and evaluation**

Planning is to be monitored by the Co-ordinator

Use of equipment is to be monitored by the co-ordinator

Observation of teachers' practice by the Co-ordinator will also aid monitoring

Work is regularly marked according to The AFL policy. Questions are often asked to prompt development.

Ongoing records of pupils work is kept in their files on the system.

Oral evaluation by children and teachers is ongoing throughout each task.

## **Special Education Needs – Code of Practice**

When planning, teachers should set high expectations and provide opportunities for all pupils to achieve. COMPUTING should be used as an integral part of the teaching and learning process in order for children with specific learning difficulties to achieve their individual targets. Differentiation and expectations should be made clear on planning.

### **Health and Safety (including e-safety)**

When working with tools, equipment and materials, in practical activities and in different environments, pupils should be taught:

- About hazards, risks and risk control, such as not working on the computers for long periods of time.
- To recognise hazards, assess consequent risks and take steps to control the risks to themselves and others.
- To ensure that all equipment is in good working order and not presenting a risk to any individual.
- How to stay safe when on the internet.
- Children should NOT bring in any portable devices (such as USB sticks) that allow them to upload, share or save work from or to the schools system due to data protection.

### **Partnership with parents**

Parents are to be kept informed with regards to Internet access through the Internet Policy published to parents.

### **Liaison with community**

As part of the curriculum, COMPUTING can be used to develop electronic links with other schools, business linking foundation curricular areas.

COMPUTING Co-ordinator to liaise with the Governors to inform them of developments related to the teaching of COMPUTING within the school.

**Date reviewed: September 2018**

**Review Date: September 2019**