

VAUGHAN PRIMARY SCHOOL

Computing Policy



Date of Policy: Spring 2023

Date of Review: Spring 2025

Next Review: To be reviewed bi annually

Review Date	Changes made
SPRING 2023	Assessment

Introduction

This policy sets out Vaughan Primary School's aims and strategies for the successful delivery of Computing. This policy should be read in conjunction with the Online Safety and Acceptable Use of ICT Systems Policy.

Computing is concerned with how computers and computer systems work, and how they are designed and programmed. Pupils studying computing will gain an understanding of computational systems of all kinds, whether or not they include computers. Computational thinking provides insights into many areas of the curriculum, and influences work at the cutting edge of a wide range of disciplines.

Aims

Vaughan Primary School believes that every pupil should have the right to a curriculum that champions excellence; supporting pupils so they achieve the very best of their abilities. We understand the immense value technology plays, not only in supporting the Computing and the wider curriculum, but overall in the day-to-day life of our school.

We believe that technology can provide enhanced collaborative learning opportunities, better engagement of pupils, easier access to rich content, support to enable conceptual understanding of new concepts and support for the needs of all our pupils.

Our aims:

- Provide an exciting, rich, relevant and challenging Computing curriculum for all pupils.
- Enthuse and equip pupils with the capability to use technology throughout their lives.
- Give pupils access to a variety of high-quality hardware, software and unplugged resources.
- Instil critical thinking, reflective learning and a 'can do' attitude for all our pupils, particularly when engaging with technology and its associated resources.
- Teach pupils to become responsible, respectful and competent users of data, information and communication technology.
- Teach pupils to understand the importance of governance and legislation regarding how information is stored, created, retrieved, shared and manipulated.
- Equip pupils with skills, strategies and knowledge that will enable them to reap the benefits of the online world, whilst being able to minimise risks to themselves and others.
- Use technology imaginatively and creatively to inspire and engage all pupils, as well as using it to be more efficient in the tasks associated with running an effective school.
- Provide technology solutions for forging better home and school links.
- Utilise computational thinking beyond the Computing curriculum.

Curriculum

As a school, we have chosen the Purple Mash Computing Scheme of Work from Reception to Year 6. The scheme of work supports our teachers in delivering fun and engaging lessons which help to raise standards and allow all pupils to achieve their full potential. We are confident that the scheme of work more than adequately meets the national and school vision for Computing. It provides immense flexibility and strong cross-curricular links.

Inclusion

At Vaughan Primary School, we aim to enable all pupils to achieve their full potential. This includes pupils of all abilities, social and cultural backgrounds, those with disabilities, EAL speakers and pupils with SEN.

We place particular emphasis on the flexibility technology brings to allowing pupils to access learning opportunities, particularly pupils with SEN and disabilities. With this in mind, we will ensure additional access to technology is provided throughout the school day.

Assessment

Teachers assess pupil's work in Computing by making informal judgements as they observe them during lessons. On completion of a piece of work, the teacher gives verbal feedback and misconceptions are discussed. Additionally, pupils are encouraged to evaluate their own work. Assessment in computing allows us to consider each pupil's attainment and progress against expected levels.

In-school summative assessment

Effective in-school summative assessment enables:

- **Senior Leadership Team** to monitor the performance of pupil cohorts, identify where interventions may be required, and work with teachers to ensure pupils are supported to make progress and attain personal learning goals
- **Teachers** to evaluate learning at the end of a unit or period and the impact of their own teaching
- **Pupils** to understand how well they have learned and understood a topic or course of work taught over a period of time. It should be used to provide feedback on how they can improve
- **Parents** to stay informed about the achievement, progress and wider outcomes of their child across a period

Pupils at Vaughan are assessed periodically and progress and attainment data is recorded on the assessment system 'Arbor'. These assessments are carried out three times a year in December, March and July. Teacher Judgements on Arbor for Maths will relate to the National Curriculum age related expectations and will state whether a child is working, Pre Key Stage, Below age related expectation; At the Expected Standard, or at Greater Depth. These assessments are used to monitor the performance of individuals, groups and cohorts; to identify where interventions may be required; and to work with teachers to ensure that children are supported to achieve at least sufficient progress and expected attainment.

A range of in-school summative assessments will be used including, for example,

- Short end of topic or unit tests or tasks
- Reviews of progress against individual targets for pupils with SEN
- Teacher judgements on Arbor relating to the National Curriculum age related expectations

Monitoring

Monitoring of the standards of pupil's work in computing is the responsibility of every teacher and this will be overlooked by the Computing Lead. Pupil's work is to be saved on Purple Mash and will be monitored termly.