



Halebanks Church of England Primary School

Computing Policy

Curriculum aims and intent

This is our *Statement of Intent* regarding the curriculum, based on the ideas of the pupils, staff and parents of Halebanks Church of England Primary School.

Our curriculum...

- offers a balance of challenge and support
- motivates and engages learners and is both exciting and fun
- provides opportunities for learning both within and beyond the classroom
- offers rich experiences and opportunities: local, national and global
- prepares learners for life beyond school
- enables learners to think critically, analyse and reflect
- develops learners' vocabulary to enable them to articulate their ideas and express their opinions
- enhances pupils' understanding of how to live safely, happily and value themselves and others

Halebanks learners are...

- keen, self-motivated and willing to learn
- ready, hard-working and keen to take an interest in the world around them
- confident and well supported
- willing to ask for help
- team players
- independent, cooperative and collaborative
- honest and respectful of others' ideas and beliefs
- able to see the value of being 'stuck', and making and learning from mistakes
- determined and resilient
- committed to working for the good of others, the school and the wider community
- keen to give their best

Legislation and guidance

This policy reflects the requirements of the [National Curriculum programmes of study](#), which all maintained schools in England must teach. It also reflects requirements for inclusion and equality as set out in the [Special Educational Needs and Disability Code of Practice 2014](#) and [Equality Act 2010](#), and refers to curriculum-related expectations of governing boards set out in the Department for Education's [Governance Handbook](#). In addition, this policy acknowledges the requirements for promoting the learning and development of children set out in the [Early Years Foundation Stage \(EYFS\) statutory framework](#).

National Curriculum: purpose of study

A high-quality computing education equips pupils to use computational thinking and creativity to understand and change the world. Computing has deep links with mathematics, science and design and technology, and provides insights into both natural and artificial systems. The core of computing is computer science, in which pupils are taught the principles of information and computation, how digital systems work and how to put this knowledge to use through programming. Building on this knowledge and understanding, pupils are equipped to use information technology to create programs, systems and a range of content. Computing also ensures that pupils 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.

National Curriculum: aims

The National Curriculum for computing aims to ensure that all pupils:

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

Roles and responsibilities

The Governing Board

The Governing Board will monitor the effectiveness of this policy and hold the headteacher to account for its implementation. The governing board will also ensure that:

- a robust framework is in place for setting curriculum priorities and aspirational targets
- enough teaching time is provided for pupils to cover the national curriculum and other statutory requirements
- proper provision is made for pupils with different abilities and needs, including children with special educational needs and disabilities (SEND)
- the school implements the relevant statutory assessment arrangements
- it participates actively in decision-making about the breadth and balance of the curriculum
- it fulfils its role in processes to disapply pupils from all or part of the national curriculum, where appropriate, and in any subsequent appeals

Headteacher

The headteacher is responsible for ensuring that this policy is adhered to, and that:

- all required elements of the curriculum have aims and objectives which reflect the aims of the school and indicate how the needs of individual pupils will be met
- the amount of time provided for teaching the required elements of the curriculum is adequate and is reviewed by the Governing Board
- the school's procedures for assessment meet all legal requirements
- the Governing Board is fully involved in decision-making processes that relate to the breadth and balance of the curriculum
- the Governing Board is advised on curriculum matters in order to make informed decisions

- proper provision is in place for pupils with different abilities and needs, including children with SEND

Staff will ensure that the curriculum is implemented in accordance with this policy.

Implementation

At the current time, class teachers deliver discrete computing modules including online safety in Key Stages 1 and 2. Cross curricular computing is taught when the opportunities arise in all other subject areas including art and design, maths, and science.

Teach Computing is the chosen scheme used at the current time. All teaching materials including links to age-appropriate videos and websites are included as part of the scheme of work which also ensures progression in skills and knowledge across the National Curriculum for computing. Detailed lesson plans and training documents and videos are available as professional development for all staff to ensure that they can equip themselves with the appropriate understanding of the curriculum that they are teaching. The sequencing of lessons is set out in the long term computing plan.

The school teaches pupils about online safety using the Project Evolve teaching resources. Online safety is taught every other half term with additional lessons taught when situations that arise make them relevant and necessary.; the sequencing of lessons is also set out in the long-term computing plan.

See our EYFS policy for information on how our early years curriculum is delivered.

Inclusion

Teachers set high expectations for all pupils. They will use appropriate assessment to set ambitious targets and plan challenging work for all groups, including:

- more able pupils
- pupils with low prior attainment
- pupils from disadvantaged backgrounds
- pupils with SEND
- pupils with English as an additional language (EAL)

Teachers will plan lessons so that pupils with SEN and/or disabilities can study every National Curriculum subject, wherever possible, and ensure that there are no barriers to every pupil achieving.

Teachers will also take account of the needs of pupils whose first language is not English. Lessons will be planned so that teaching opportunities help pupils to develop their English, and to support pupils to take part in all subjects.

Further information can be found in our statement of equality information and objectives, and in our SEN policy and information report.

Monitoring arrangements

Governors monitor coverage of National Curriculum subjects and compliance with other statutory requirements through committee meetings, school visits and meetings with subject leaders.

Subject leaders monitor the way their subject is taught throughout the school by engaging with the school's monitoring programme. This includes reviewing curriculum

plans, learning walks, book sampling/scrutiny and capturing pupil voice. The subject leader also has a responsibility for monitoring the way in which resources are stored and managed.

This policy will be reviewed every two years by the subject leader. At every review, the policy will be shared with the full Governing Board.

Links with other policies

This policy links to the following policies and procedures:

- EYFS policy
- Assessment policy
- SEND policy and information report.
- Equality information and objectives
- RSE and PHSE policy

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