



Ball Green Primary School

Computing Policy

[September 2021]

Intent – Implementation – Impact

Every child. Every chance. Every day.

Article 28: Every child has the right to an education.

Article 29: Ball Green Primary School has a responsibility to develop every child's personality, talents and abilities to the full.



Computing Curriculum vision:

The use of Computing is an integral part of the National Curriculum and is a key skill for everyday life. Computers, iPads, programmable robots and Lego are but a few of the tools that can be used to acquire, organise, store, manipulate, interpret, communicate and present information.

Aims:

- Provide a relevant, challenging and enjoyable computing curriculum for all pupils.
- Meet the requirements of National Curriculum Programmes of study for computing.
- Integrate computing as a tool to enhance learning throughout the curriculum.
- To respond to new technology and to promote innovation in teaching and learning.
- To equip pupils with the confidence and capability to use Computing throughout their later life.
- To enhance learning in other areas of the curriculum using computational skills.
- To develop an understanding of how to use Computing safely and responsibly (See E-Safety document).

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The Computing curriculum:

- Children will understand and apply the fundamental principles of computer science, including logic, algorithms, data representation, and communication.
- Children will analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems.
- Children will evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems.
- They will also be responsible, competent, confident and creative users of digital devices and the Internet.
- The Computing curriculum will be fully embedded across all year groups and all learners will have an understanding of what Computing is as a subject domain.
- Children will develop a set of progressive key skills across the computing curriculum that will become cumulative (year-on-year).
- Children will have a deeper understanding of subject-specific knowledge and skills across the computing curriculum through the implementation of a progressive, broad and balanced curriculum.
- A purposeful learning sequences will be planned and delivered for all year groups by class teachers.
- Children will have access to hands-on learning, using resources and artifacts through bought resources.
- To foster in children and staff an interest in innovation.
- To enable children to know how technology has changed over time.

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KS1 topics:

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	E-Safety & Internet Research	Software	E-Safety & Internet Communication		E-Safety & Algorithm	
2	E-Safety & Internet Research	Software	E-Safety & Internet Communication		E-Safety & Algorithm	

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LKS2 topics:

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
3	E-Safety & Internet Research	Software	E-Safety & Internet Communication		E-Safety & Algorithm	
4	E-Safety & Internet Research	Software	E-Safety & Internet Communication		E-Safety & Algorithm	

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UKS2 topics:

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
5	E-Safety & Internet Research	Software	E-Safety & Internet Communication		E-Safety & Algorithm	
6	E-Safety & Internet Research	Software	E-Safety & Internet Communication		E-Safety & Algorithm	

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Monitoring of the Computing curriculum:

Standards achieved against the Age Related received/experienced curriculum

- ✓ Formative Assessment – carried out **WEEKLY** for all subjects (core & foundation) on DC Pro
- ✓ Book scrutinies – completed by all subject leaders and evaluated by SLT
- ✓ Learning Walks – completed by all subject leaders and evaluated by SLT
- ✓ Lesson Observations – completed by all subject leaders and evaluated by SLT
- ✓ Flipchart / Resources reviews – completed by all subject leaders and evaluated by SLT
- ✓ Child conferences / school council conferences – completed by all subject leaders and evaluated by SLT
- ✓ Subject leader discussions – bi-annually, discussed at Performance Management target setting and target review meetings
- ✓ Collaborative leader discussions with other local schools
- ✓ Link governor visit reports – x3 per annum
- ✓ Teaching & Learning reviews – x2 per annum

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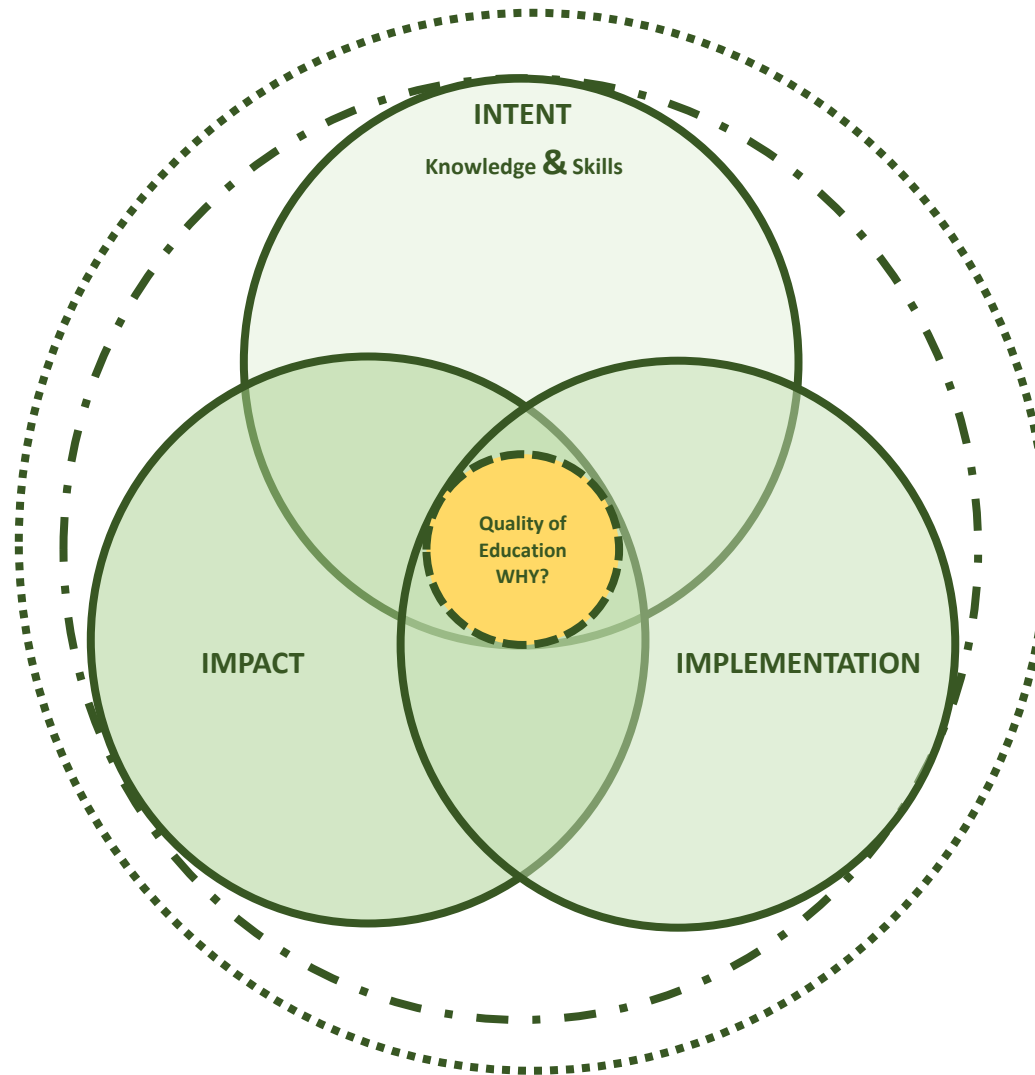


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2021-2022 Computing Monitoring Timetable

Half term	Subjects – Core & Foundation Curriculum implementation monitoring: across all areas of the curriculum <i>(Learning walks, book & planning scrutinies and pupil voice)</i>
Autumn 1 & 2	Curriculum implementation monitoring Maths, English, Science
Spring 1	Curriculum implementation monitoring History, Geography, Art, Computing, PE and PSHE
Spring 2	Curriculum implementation monitoring Maths, English, Science History, Geography, Art, Computing and PSHE

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WHAT? - . -
HOW?