



Bruton Primary School Computing Action Plan 2023/2024

Intent

An excellent computing education that will enable pupils to use computational thinking and creativity to understand the technological world around them and create a buzz around the subject during pupil discussion. Computing has strong links with mathematics, science and design and technology, and provides insights into both natural and artificial systems. The core of computing will be computer science, where pupils are taught the ideas of information and computation, how systems work and how to put this knowledge to use through programming.

Building on this, pupils are able 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.

Vision

Computing will become an embedded subject and picked up cross-curricularly, supporting the learning across all subject areas and used for purposeful outcomes with an intended audience. Learners will be able to navigate their way through a range of software and programmes at a level which will be able to be developed in order to become suitable for the future workplace and as active participants in a digital world, with a knowledge of these careers to be developed. Members of the wide community to come in and discussed these opportunities with the learners.

Actions	Date	Who	Resources	Intended Impact	Monitoring
To review long term planning to ensure consistent and appropriate coverage across all mixed age classes.	Autumn 1	Sarah Akhurst	Long term planning document	To ensure coverage across the curriculum with new mixed age classes.	
To ensure e-safety lessons are being taught	Half-termly	All staff	ActiveBYTES resources	Helping our learners to remain safe, responsible and healthy in terms of online use	



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termly using the ActiveBYTES lessons					
To audit apps and check they match the Teach Computing Curriculum	Autumn 2	Digital Leader Group Sarah Akhurst	Ipads	Ensure that we have a range of software that links the curriculum to ensure we provide a range of resources to help deliver engaging sessions.	
To have a focus for Safer Internet Day.	Spring 1	Digital Leader Group	National resources	Pupils to be aware of trusted adults, have an understanding of the impact of social media and the required age limits and be aware of things online that may not be true due to the development of AI software	
To undertake pupil voice regarding Computing	Autumn 2 Spring 2 Summer 2	Sarah Akhurst	Time	Feedback from pupils regarding enjoyment and frequency of Computing sessions taught	
To create a needs analysis for the staff based on Teach Computing curriculum	Autumn 2	Sarah Akhurst		This will help to create a strategic plan going forward on which training individuals will need. This will allow tailored training in house or through STEM to help further teacher knowledge.	
To improve teacher confidence by holding CPD for all teaching members of staff.	Autumn 1 & 2	All staff	Staff meeting	All staff to have an increase in understanding of the different software within the TC Curriculum in order to then deliver higher standards of lessons	



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To link Teach Computing units cross-curricularly to provide more purpose to the learning.	On going	All staff	Planning time and access to resources	Children to be able to embed learning from Computing sessions to help their enthusiasm to learning in other areas of the curriculum	
To explore the use of Rubrics and Online Quizzes as a form of assessments	Autumn 1	Sarah Akhurst	Rubrics and Quizzes from TC	This will help to develop an assessment process in books that is ongoing, manageable and allows quick and efficient assessment of children's learning journey	
To continue working towards the Computing Quality Framework	On going	Sarah Akhurst	Time in Cluster meetings	To help develop the teaching, leadership, inclusion and assessment of computing within the school	
To continue to work towards the 360safe award	On going	Sarah Akhurst	Time in 360 workshops	To help develop the ethos in the school and also the wider community regarding remaining safe online	
To create content linking to online safety to go out weekly in the newsletter to inform parents on the main issues	Autumn 1	Sarah Akhurst Jemima Newman	Time Newsletters	To continue to support the wider community with any online safety issues and help educate parents on how to support their children with any online problems (including social media use)	
To promote STEM learning amongst girls (target group in terms of the uptake of STEM	On going	Sarah Akhurst		More girls to show an interest in the subject, as seen through pupil voice in the subject	



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related jobs in the future).					
To hold a STEM careers week to promote Computing careers and enrichment in children	Spring Term	Sarah Akhurst	Time	An event over the course of the week to aim to develop the children's ideas into which careers have links to STEM.	
To create a digital leaders group with representatives and hold meetings	Autumn 1	Sarah Akhurst	Time	A group of leaders brought together to help maintain the charge in all software, lead assemblies and also hold contests to encourage children to get involved with computing tasks.	
To hold a computing coding club for Key Stage 2 learners	Termly	Sarah Akhurst	Software and Chromebooks	Develop a love of coding in those willing to attend.	