

# COMPUTING ACTION PLAN

YEAR 2023/24

**PRIORITY:** The children of Heamoor School have the opportunities to develop a procedural and conceptual knowledge and safe use of computers and computer systems as a fundamental life skill for their

**LEADER:** Scott Markham

**TARGETS:**

- A. The implementation of a new computing scheme and that all staff are confident in its delivery
- B. All stakeholders are aware of the intent, implementation and impact that is used to ensure that all children are digitally literate by the end of Key Stage 2
- C. Computing is given an appropriate level of importance within the foundation curriculum

**KEY ASPECTS:**

Success criteria	Action(s) to be taken	Who is responsible?	Who is involved?	Start/finish dates	Resources: Time, copying, class assistant etc.		Monitoring of implementation			Evaluation against success criteria		
					How?	Who?	When?	How?	Who?	When?		
<p><b>A</b> Success is: Children will progress through the National Curriculum Computing objectives and will develop a deep understanding within each year group as part of the school curriculum their understanding and application of skills- evident in Project books and digital storage.</p>	<p>New Computing Scheme to be implemented (we no longer subscribe to Purple Mash)</p> <p>SM researched available schemes and in consultation with JF, decided on NCCE scheme. The scheme was launched via a staff meeting in October 23.</p>	SM	SM/SLT	23/24 academic Year	<p>NCCE- (login required for all staff</p> <p>Subject release time for SM</p>	<p>Cost/ source</p> <p>Nil cost for NCCE</p>	<p>Book monitoring and teacher conferencing</p> <p>Pupil conferencing</p>	<p>SM/all teachers</p> <p>SM/pupils</p> <p>All staff</p>	<p>End of Spring and Summer Term</p>	<p>The scheme has been embedded in all year groups. Book looks and conversations with teachers has confirmed that the scheme is allowing for a progression of learning in line with the 3i's. Further monitoring will be carried out in Aut 24 to ensure new staff members are confident with the scheme.</p>	SM	Jul 24
	<p>Microbits to be resourced and added to the school curriculum offer</p>	SM	SM	23/24 academic Year	<p><a href="#">Microbits</a> to be ordered via link</p>	<p>Nil cost for microbits</p>	<p>The offer of 'Coding Club'</p>	SM	Dec 23	<p>The Microbits arrived and were used during the KS2 after school coding club- with great success. Twelve KS2 children regularly attended (10 boys, 2 girls). The gender imbalance is to be a target for 24/25 Action Plan.</p>	SM	Jul 24
	<p>Investigation into value/viability of purchasing I-pads and relevant apps to support curriculum learning (Computing, SEND and PE)</p>	SM/JF	SM/JF	23/24 academic year		t.b.c					<p>The infrastructure of ICT support and delivery is under review by SLT.</p>	SLT

<p><b>B</b> Success is: all stakeholders are aware of the Computing values and rationale behind the consistent implementation of the school curriculum. Teaching staff will be confident when planning appropriate learning opportunities</p>	3is document to be drafted	SM	SM/SLT	23/24 academic Year	Subject release time for SM	Nil cost	Monitoring of MTP for all classes	SM/SLT	Jan 24	<p>The progression map has been made available and promulgated via staff meeting and website. The progression has broadly been followed in all classes and will be consistently embedded in all classes for the academic year 24/25</p>	SM	Jul 24
	Progression Map to be accessible by all staff	SM	SM/SLT	23/24 academic Year	Subject release time for SM	Nil cost	Monitoring of MTP for all classes	SM/SLT	Jan 24			
<p><b>C</b> Success is: Computing is valued and given appropriate importance within the school curriculum</p>	Website to be updated	SM	SM/all teachers	23/24 academic Year	Subject release time for SM	Nil cost	Regular updates and check of website	SM	Termly	<p>The delivery of Computing Science and ICT has been greatly improved during this year. There is a consistent and progressive approach to the delivery of high quality learning opportunities. Internet Safety has been given a high priority but there is a worrying trend of poor choices across social media platform in UKS2 classes. The Coding Club was a great success but it does also substantiate the Ofsted Research Review (May 22) that there is a gender imbalance with access and engagement with computing.</p>	SM	Jul 24
	Regular exposure is to be given via the school newsletter	SM	SM/all teachers	23/24 academic Year	Subject release time for SM	Nil cost	Termly sample of newsletter	SM	Termly			
	Coding/computing club to be offered to chn	SM	SM/ teachers	23/24 academic Year (Summer Term)	t.b.c	t.b.c.	In conjunction with after school club offer	SM	Summer term			

Overall evaluation of progress:

This year has been one of change to the computing offer at Heamoor School. There is a much more progressive scheme of learning that allows practitioners to develop their subject knowledge in order to support all learners. As a result the children are developing a deeper understanding of procedural and declarative knowledge. There have been challenges with the infrastructure of the curriculum delivery which are under review. The pupil voice was extremely encouraging with all children enjoying the computing lessons and their request for a computing club was actioned. However, this also highlighted the gender imbalance with respect to computing access.

Further action required:

Next year there will be several new (and returning) staff members that will need support with the progression map. The subject leader will send out an overview of expectations and resources prior to the Autumn 1 inset. As mentioned above, there is a gender imbalance, so we need to find ways to encourage and engage more girls. Although there is clear evidence of a well thought out and progressive methodology towards teaching computing skills and ensuring our children are developing age related digital literacy, we are not seeing great examples of cross curricular use of IT and are lacking in these 'Wow' opportunities and achievements.

