

# Millbrook Community Primary School

## Computing Action Plan 2024-25

Curriculum Area	Computing
Subject co-ordinator	Bobby Whiley
Date of report	September 2024

To further develop the curriculum in Computing so children know more, remember more and understand more.

We want children to know more, remember more and understand more in computing.



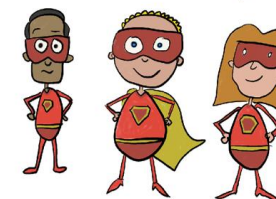
**INTENT**

Our vision is to support children in becoming creative, independent learners and ensuring children have a healthy relationship with technology.



**IMPLEMENTATION**

The biggest impact we want on our children is that they understand the potential and capabilities of technology and that they are also aware of how to maintain a safe and healthy digital life.



**IMPACT**

Summary of Key Priorities

Key Priority 2 Further develop and embed teaching strategies to enable pupils to retain knowledge in the long-term memory by using cognitive science

1. To develop the implementation of the Computing curriculum to enable children to know more, remember more and understand more.
2. Ensure staff are confident using new resources and planning and monitor delivery.
3. To prioritise the role of vocabulary and computing terminology in teaching and learning.
4. To have an upto date and informative Computing webpage for children.
5. To liaise with other curriculum leads to improve cross-curricular links with other subjects and to promote their subjects using X.

Rationale

School Voice (Monitoring)  
 Children were not always able to recall prior learning in Computing. As a result of this the Computing Lead is developing the implementation of the Computing curriculum focusing on the SDP key priority 2 that children should know more and remember more across the Computing curriculum. The aim is to ensure we are teaching pupils to retain knowledge in the long-term memory by using cognitive science and understanding its implications for our Computing curriculum at Millbrook.

The new OFSTED Framework September 2019 places a high priority on 'Cultural Capital' and so school must ensure

that opportunities are provided within the Computing curriculum to enable all children experiences to enhance their knowing more and remembering more.  
Pupil Voice (Monitoring)  
Pupil discussion indicates that some can confidently talk about what they have learned in Computing.  
Pupil discussion indicated that good cross curricular links have not been made with Computing and other subjects in the curriculum.  
Parent Voice • Parent Review Meetings indicated that parents would like more information about curriculum content.

Target	Key personnel/Action	Time scale	Required resources	Success criteria
To further embed Teach Computing curriculum and to save examples of children's work in each year group using Seesaw.	Mrs Whiley Updated Computing curriculum map to ensure progression and to suit the needs of our school and mixed-aged planning. Staff Seesaw training- Knowsley CLC	Ongoing throughout the year September 24 – July 2025.	Teach Computing Hub-Resources. Updated Computing curriculum map to ensure progression throughout the Teach Computing curriculum. Seesaw	To ensure that the Teach Computing our curriculum is brought up-to-date and continues to stay relevant, engaging and challenging for the children within our school. To ensure that teachers are using Seesaw to save examples of children's work in each year group.
To develop the implementation of the Computing curriculum to enable children to know more, remember more and understand more. Ensure staff are confident using new resources and planning and monitor delivery. To increase the knowledge and confidence of staff when teaching Computing,	Mrs Whiley To ensure staff access to Teach Computing to deliver SOW. All SOW lesson resources (EYFS-Y6) uploaded to Teacher OneDrive. - Ensure appropriate training given to teachers to ensure all new staff and staff in	Time given to speak to teachers regarding the curriculum content. Organise staff CPD with new Teach Computing curriculum for new teachers and those new to a year group.  Offer planning and teaching support as	Up-to-date hardware and software Subscription Staff meeting time allocated for training. Follow-up meeting time allocated. Staff training especially those new to the school or year group. Staff to use 'Computing Vocabulary	Teachers have the subject knowledge and available resources to confidently deliver the Computing curriculum. The standard of Computing teaching improves so that all lessons are effective and move the children on from their starting points. All

<p>particularly computer science. To introduce Computing Knowledge organisers for each topic.</p>	<p>new year groups have the knowledge and confidence to deliver and assess the new SOW.</p>	<p>appropriate to ensure that all staff feel that they can deliver the Computing curriculum, particularly computer science. Look for CPD opportunities for staff.</p>	<p>Progression' document which is available on the Computing webpage and knowledge organisers to encourage support of technical vocabulary within the lesson.</p>	<p>staff are aware of the curriculum outcomes for their year group and are covering the whole curriculum effectively. Staff use knowledge organisers to support pupils' learning.</p>
<p>To prioritise the role of vocabulary and computing terminology in teaching and learning.</p>	<p>Mrs Whiley Mrs Bulger Displays of relevant vocabulary in the computer suite and on display board in juniors by junior hall. Develop a glossary for all pupils which will be accessible on the school website.</p>	<p>Ongoing throughout the year September 24 – July 2025. Display in ICT Suite and junior corridor by junior hall.</p>	<p>Leadership Time to ensure teachers are using WOTD (Word of the Day) in lessons. Vocabulary on display.</p>	<p>Vocabulary for each unit to highlighted and discussed in starts of lessons and throughout. Teachers to refer to knowledge organisers to support pupils' learning. Children are using the correct computing vocabulary when explaining their learning and are able to give definitions alongside the word.</p>
<p>To develop the pupil's use of online technology so that they become good digital citizens.</p>	<p>Bobby Whiley All Staff</p>	<p>Ongoing throughout the year September 24 – July 2025.</p>	<p>Leadership Time to liaise with Dave Smith from Knowsley CLC who will deliver weekly E-Safety sessions. Time to look at Project Evolve resources and to analyse children's questionnaire results from Summer 2024. Project EVOLVE resources each of the 330 statements from UK Council for Internet Safety's (UKCIS) framework "<a href="#">Education for a</a></p>	<p>To enable all pupils to be inspired to apply the digital skills they learn, to become proficient digital citizens of the future.</p>

			<a href="#">Connected World</a> ” with perspectives; research; activities; outcomes; supporting resources and professional development materials.	
To liaise with other curriculum leads to improve cross-curricular links with other subjects and to promote their subjects using the school website and X.	Bobby Whiley Curriculum Leads	Ongoing throughout the year September 24 – July 2025.	Leadership Time Staff Meeting Time	Staff to successfully use X to promote what is happening in their subject online on and on X. Children are using technology in other subjects to ensure they retain knowledge in the long term memory.

1. Curriculum Staff Development – To ensure that staff have the relevant level of skills to use ICT effectively in all areas of the school