
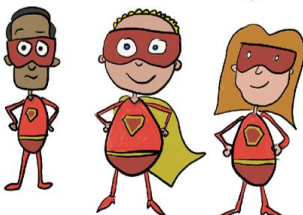



# Millbrook Community Primary School

## Computing Action Plan 2023-24

Curriculum Area	Computing
Subject co-ordinator	Bobby Whiley
Date of report	December 2023
<p>Area of School Development Plan link to</p> <p><b>Key Priority 2</b></p> <p>Further develop and embed teaching strategies to enable pupils to retain knowledge in the long-term memory by using cognitive science.</p> <p>Link to OFSTED Framework = The quality of Education</p>	<p>To further develop the curriculum in Computing so children know more, remember more and understand more.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p style="border: 1px solid black; padding: 5px; width: 150px;">We want children to know more, remember more and understand more in computing.</p>  <p><b>INTENT</b></p> </div> <div style="text-align: center;"> <p style="border: 1px solid black; padding: 5px; width: 150px;">Our vision is to support children in becoming creative, independent learners and ensuring children have a healthy relationship with technology.</p>  <p><b>IMPLEMENTATION</b></p> </div> <div style="text-align: center;"> <p style="border: 1px solid black; padding: 5px; width: 150px;">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.</p>  <p><b>IMPACT</b></p> </div> </div>
Summary of Key Priorities	<ol style="list-style-type: none"> <li>1. To develop the implementation of the Computing curriculum to enable children to know more, remember more and understand more.</li> <li>2. Ensure staff are confident using new resources and planning and monitor delivery.</li> <li>3. To prioritise the role of vocabulary and computing terminology in teaching and learning.</li> <li>4. To have an upto date and informative Computing webpage for children.</li> <li>5. To liaise with other curriculum leads to improve cross-curricular links with other subjects and to promote their subjects using X.</li> </ol>
Rationale	<p>School Voice (Monitoring)</p> <p>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.</p> <p>The new OFSTED Framework September 2019 places a high priority on 'Cultural Capital' and so school must ensure</p>

	<p>that opportunities are provided within the Computing curriculum to enable all children experiences to enhance their knowing more and remembering more.</p> <p>Pupil Voice (Monitoring)</p> <p>Pupil discussion indicates that some can confidently talk about what they have learned in Computing.</p> <p>Pupil discussion indicated that good cross curricular links have not been made with Computing and other subjects in the curriculum.</p> <p>Parent Voice • Parent Review Meetings indicated that parents would like more information about curriculum content.</p>
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Target	Key personnel/Action	Time scale	Required resources	Success criteria
<p>Embed full Teach Computing curriculum with additional opportunities for Computer Science as well as wider opportunities in other subjects.</p>	<p>Mrs Whiley Knowsley CLC Ensure that there are additional opportunities for Computer Science. Time to liaise with other Curriculum Leads.</p>	<p>Ongoing throughout the year September 22 – July 2023.</p>	<p>Knowsley CLC sessions with reception to year 6.</p>	<p>To ensure that our curriculum is brought up-to-date and continues to stay relevant, engaging and challenging for the children within our school. To ensure that there are opportunities to use technology in other subjects.</p>
<p>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, particularly computer science.</p>	<p>Mrs Whiley To ensure staff have the resources to deliver SOW. - SOW lesson resources for Autumn 1 passed to staff (EYFS-Y6). - All SOW lesson resources (EYFS-Y6) uploaded to Teacher OneDrive. - Ensure appropriate training given to teachers to</p>	<p>Time given to speak to teachers regarding the curriculum content. Time given to speak to teachers regarding the curriculum content in Spring term.  Offer planning and teaching support as appropriate to ensure that all staff feel that they</p>	<p>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 Progression' document to</p>	<p>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>

	ensure staff have the knowledge and confidence to deliver and assess the new SOW. BW to meet with teachers individually to discuss units for Autumn/Spring/Summer	can deliver the Computing curriculum, particularly computer science. Look for CPD opportunities for staff.	encourage support of technical vocabulary within the lesson.	staff are aware of the curriculum outcomes for their year group and are covering the whole curriculum effectively.
To prioritise the role of vocabulary and computing terminology in teaching and learning.	Mrs Whiley Mrs Bulger Displays of relevant vocabulary in the computer suite. Develop a glossary for all pupils.	Ongoing throughout the year September 22 – July 2023. Display in ICT Suite	Leadership Time to look closely at each unit of work to find a word of the day for each week. Time to place words on display.	Vocabulary for each unit to highlighted and discussed in starts of lessons and throughout. Children are using the correct computing vocabulary when explaining their learning and are able to give definitions alongside the word.
To have an update and informative Computing webpage for children.	Bobby Whiley Jodie Sharrock CLC To ensure that there is a current Computing webpage on the school website. To ensure that there is current E- safety information for parents on the school website.	All information is published on the Computing page of the school website and to ensure parents are aware of this.	Leadership Time Jodie Sharrock CLC	The webpage is a source of useful information for children and parents.
To develop the children's basic computing skills from Year 1 to Year 6. Children able to use Word, PowerPoint, other apps to produce pieces of writing (composition, punctuation, description etc.). Online research provides opportunities	Bobby Whiley All Staff	Ongoing throughout the year September 22 – July 2023.	Leadership Time to develop a map of whole school key basic skills Staff Meeting Time	To improve children's basic computing skills by using information technology in other subjects. Pupils develop and consolidate skills learnt in computing lessons. They learn to

<p>for children to develop their reading skills.</p>				<p>work collaboratively, build resilience and develop the skills which empower them to thrive in the 21st century digital world.</p>
<p>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.</p>	<p>Bobby Whiley Curriculum Leads</p>	<p>Ongoing throughout the year September 22 – July 2023.</p>	<p>Leadership Time Staff Meeting Time</p>	<p>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.</p>