



The Meadow Community Primary School and Pre-School

Computing Policy

This policy is intended for all teaching and non-teaching staff; local governors; parents and other interested parties.

<u>Aims</u>	<ul style="list-style-type: none"> • To enable good teaching and learning across the curriculum. • To enable pupils to become discriminating users of technology where it facilitates their learning. • To embed technology across the curriculum providing access to a wide range of stimulating resources which engage pupils. • For technology to be accessible at the point of need "anywhere, anytime technology" supporting the personalised learning agenda. It should enable pupils to develop to the best of their ability and support more able, gifted and talented pupils and pupils with special educational needs effectively. • Technology should be used to support workforce reform. Teachers should have ready access to pupil data, planning tools and be able to share these with colleagues. • Technology should enable efficient contact between all stake holders within the school community. • Infrastructure should be reliable to enable the above. It should be appropriate and efficient with access to all necessary technology. • Parents should be involved in their children's learning through the use of technology including the school website (www.meadowcommunity.co.uk) and social media.
<u>Objectives</u>	<p>Computing has a part to play in all curriculum areas at primary school level. To become confident users of technology, children must be taught basic skills and be given the opportunity to become familiar with the way technology works. We expect children to learn age-appropriate skills, techniques and capabilities and to become discerning users of technology. Evidence shows that where computing is taught discretely and then transferred to other areas of the curriculum, children achieve higher levels of competence than when it is taught only in other subjects. At the Meadow, our objective is to teach children the necessary skills to be confident and competent users of technology.</p>
<u>Curriculum content</u>	<p>We follow the National Curriculum for computing which aims to ensure that all pupils:</p> <ul style="list-style-type: none"> • Can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation. • Can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems. • Can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems. • Are responsible, competent, confident and creative users of information and communication technology.
<u>Scheme of work</u>	<p>We use the Rising Stars scheme of work which we follow from Pre-School to Year 6. We also use Espresso Coding for relevant units.</p>
<u>Planning and Teaching</u> Including: - • inclusion for SEND	<p>Computing lessons are taught by appropriately trained members of staff with the support of a technical assistant. Each class has a timetabled weekly computing session during which the suite is available for them to use. They also have access to a wide range of resources for cross curricular purposes. Planning is done at year group level, based around the Rising Stars units. Computing is taught to all pupils regardless of ethnic origin, gender, race or disability. At the Meadow we endeavour to identify and provide</p>



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<ul style="list-style-type: none"> opportunities for Gifted, Talented and More Able children 	<p>appropriate opportunities for more able, gifted and talented children and pupils with special educational needs. Where appropriate, tasks will be set which offer open ended outcomes to allow pupils an opportunity to challenge themselves. Some activities may be ongoing to allow pupils to work at their own pace. There is flexibility within the scheme of work for teachers to match the needs of the children in their class.</p>
<p><u>Assessment, Recording and Reporting</u></p>	<p>The previous experiences of the children and their skill levels as defined in the scheme of work will be taken into account when planning computing lessons and discussed with next year's teacher during handover meetings. Children's progress in computing is assessed by teachers, pupils or classroom assistants. The assessment is based on teacher judgement, observations and outcomes from the lesson. Children are encouraged to peer and self-assess their work. End of term assessments are recorded by the teacher, passed on to the next year group and reported to parents in the end of year reports. The Symphony on Track system is used for assessing pupils work when appropriate.</p>
<p><u>Professional Development</u></p>	<p>As new technologies emerge and are incorporated into the computing curriculum at The Meadow, professional development opportunities are provided to ensure staff are competent users. This is regularly assessed and monitored by the subject leader who will then organise the relevant training. Professional development opportunities may occur in many different ways. For example, through staff meetings (where training may be delivered by internal staff or outside agencies), off site training provided by outside agencies or one to one "hands on" support as and when required.</p>
<p><u>Monitoring and Evaluation</u></p>	<p>The subject is regularly monitored by the subject leader through scrutiny of medium term planning, learning walks, observations and analysis of assessment data. Computing will be monitored through the school's systematic monitoring and evaluating policy and based upon needs identified in the development and subject plans.</p>
<p><u>Multi-cultural opportunities and awareness of 'British Values'</u></p>	<p>The inclusion of e-safety in all computing lessons ensures that British Values are upheld across the school. The children are taught to be tolerant and respectful of the views of others online and when using technology. They are taught to respect the rule of law with regards to technology for example copywriting, PEGI ratings and proper use of content.</p>
<p><u>Additional arrangements for children in receipt of 'Pupil Premium'</u></p>	<p>When working with adults children have access to technology as and when required. Through after school clubs children have further access to this technology for example in homework club they can use technology to research or present their work.</p>
<p><u>Health and Safety (including e-safety and safeguarding, if applicable)</u></p>	<p>At The Meadow we strongly believe in the importance of keeping children safe while they are using technology and ensuring that they know and understand how to stay safe. We teach e-safety alongside all of our computing lessons as well as having a focused e-safety week in February where we learn in greater depth about age related e-safety topics. We work alongside parents to tackle individual issues if they arise. E-safety is a regular item on meeting agendas across the school including governors, whole staff and key stage meetings, support staff meetings and school council meetings. All data and logins are classified according to their sensitivity and are age appropriate. Sensitive data is encrypted to ensure the utmost safety when transferring data. Each year group and adult at the Meadow has their own login and password for school computers. Staff have secure access to email. Admin data is updated via LEAMIS. All school equipment has a running anti-virus software installed and any breaches are reported directly to technical support staff. The school wireless network can only be accessed using a security key which can be obtained from technical support staff. Permission is sought from parents to have photographs or children's work added to the school's website and / or on Twitter.</p>
<p><u>Resources and displays</u></p>	<p>The school has invested in technology and children now have access to the following:</p> <ul style="list-style-type: none"> a classroom computer with interactive touchscreen technology whiteboards a class visualiser linked to the interactive screen a computing suite with class set of computers class sets of iPads class set of BeeBots photocopiers and printers <p>Staff also have their own class laptop and iPad.</p>

	Classrooms display the online pledge and the SMART rules for e-safety. Our dedicated computer suite has display boards to celebrate each year group's work as well as a separate e-safety display and other relevant information.
<u>Partnership with parents/carers</u>	On entering school, all parents and children must read, sign and return our acceptable use policy to ensure that they are fully aware of how technology will be used at the Meadow and how their children will be expected to use it. Parents and children have access to the school's website www.meadowcommunity.co.uk and social media pages. Foundation Stage parents are invited to attend family learning training which incorporates technology and e-safety. Each month there is a section on the school newsletter dedicated to e-safety. If staff encounter an issue with technology or safety we work closely with parents/carers to resolve the issue. Parents can also be kept informed by signing up to Parent Mail and Parent Pay.
<u>Partnership with other agencies</u>	At The Meadow, we liaise with other agencies regarding training for staff, pupils and parents including family learning sessions in foundation stage. In particular we have a well-developed relationship with our feeder secondary school - Wigston Academy. We also liaise closely with our Broadband providers for security purposes and use an external company for technical issues that arise in school.
<u>Other</u>	

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