



Altmore & Lathom Schools Federation



KS2 Computing Curriculum Intent/Policy

Subject Lead: Coral Hunt & Rosemarie Perera

Inspiring a love of learning in creative, confident and collaborative leaders of tomorrow.

<p style="text-align: center;">Intent What will take place before teaching in the classroom? What are we trying to achieve?</p>	<p style="text-align: center;">Implementation What will this look like in the classroom? How do we deliver our curriculum?</p>	<p style="text-align: center;">Impact How will this be measured? What difference is our curriculum making?</p>
<p>The school's senior leadership team will:</p> <ul style="list-style-type: none"> • Ensure that our school values are at the heart of the curriculum design • Ensure that I have appropriate time to develop, monitor and support staff in my subject. • Provide enough funding to ensure that technology is UpToDate and is in good working order. • Ensure sufficient CPD time is allocated for the development of staff ICT skills. • Support opportunities for my own professional development • Ensure that the requirements of the National Curriculum for Computing are met. 	<p>The teacher sequence will:</p> <ul style="list-style-type: none"> • Specify subject specific key vocabulary to be used and its meaning. • Teacher modelling of key skills • Opportunities to develop and practise key skill • Practical/creative • Learning outside of the classroom • Collaborative and well resourced • Children are able to evaluate their learning and compare their learning with others • Cross curricular links • Differentiation • Ongoing opportunities to apply learned skills and knowledge across the curriculum. 	<p>Pupil Voice will show:</p> <ul style="list-style-type: none"> • A developed understanding of key skills as technology users at an age appropriate level • A secure understanding of key skills for all areas of the computing curriculum • A secure use of subject specific vocabulary allowing them the confidence to discuss their own work and identify their strengths and areas for development
<p>As a subject leader I will:</p> <ul style="list-style-type: none"> • Understand and demonstrate knowledge of the computing curriculum. • Have a clear understanding about the nature of computing as a subject and a learning medium. • Support staff in the delivery of computing skills. • Model good practice in the teaching of computing and the use of ICT. 	<p>The classroom will:</p> <ul style="list-style-type: none"> • Provide a safe and stimulating atmosphere where children want to learn more • Provide appropriate quality equipment that allows computing skills to be used in all for each areas of the curriculum • Have developed learning walls which highlight key skills, include actual pieces of work and carefully chosen vocabulary, which are regularly updated 	<p>Displays and books will show:</p> <ul style="list-style-type: none"> • Pupils have had opportunities for practice and refinement of key computing skills. • Displays are a celebration of children's work that show developed and final pieces of work which showcase the skills learned. • Where applicable, displays are 3D and interactive



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<ul style="list-style-type: none"> • Ensure an appropriate progression of computing skills, knowledge and vocabulary is in place which builds on prior learning and supports children in knowing more and remembering more. • Ensure children learn new skills year on year and build on these skills as they progress through school. • Keep up to date with current computing-teaching research and subject development through an appropriate subject body or professional group and disseminate information to colleagues as appropriate. • Monitor year group planning and suggest how technology can be used to support outcomes in other curriculum areas. • Monitor Computing, through observations, learning walks, discussion with staff and children, by checking the medium-term planning to ensure coverage and progression, and through analysis of learners' work • Work with technicians to resolve problems and identify future technology requirements. • Identify technology needs of staff and plan for appropriate training opportunities. • Support subject leaders to develop the use of ICT resources and equipment in their curriculum area. • Developing the Computing Policy, in consultation with teachers, the Head teacher and the Governing Body. • Keep Acceptable Use Policies up to date. • Advising and supporting teachers and support staff in relation to Computing and ICT, including contributing to in-service training. • Plan and resource key computing events throughout the year e.g. Hour of Code, Safer Internet Day 	<ul style="list-style-type: none"> • Be organised so that pupils can work in small groups or whole class as appropriate to support pupils in their development of their skills. • Have appropriate key words and stem sentences displayed to support children's spoken language. 	<ul style="list-style-type: none"> • A clear learning journey which demonstrates progression of knowledge and skills that over time, all areas of the computing curriculum is covered. • Differentiated work for all children to be able to access the learning • Children are able to evaluate their learning and compare their learning with others • Cross curricular links • A varied and engaging curriculum which develops a range of computational understanding and skills. • Clear progression of skills in line with expectations set out in the progression grids.
	<p>The children will be:</p>	
	<ul style="list-style-type: none"> • Engaged because they are challenged by the curriculum. • Resilient learners who overcome barriers and understand their own strengths and areas for development. • Able to critique their own work as technology users because they know how to be successful. • Safe and happy to explore in computing lessons because they have opportunities to explore their own creative development. • Develop computational skills and confidence over time because of careful planning, focussed delivery and time to practise skills. • Children will be able to apply the British values of democracy, tolerance, mutual respect, rule of law and liberty when using digital systems. • Children will be confident users of technology, able to use it to accomplish a wide variety of goals, both at home and in school. 	
		<p>As the subject leader I will:</p>
		<ul style="list-style-type: none"> • Celebrate the successes of children through planned school displays • Collate evidence over time which evidences that children know more and remember more • Monitor that standards in my subject to ensure the outcomes are at the expected standards • When applicable, provide CPD support to ensure that the impact of my subject covers a breadth and depth of learning • Consider how well our children are prepared for the next stage of their education • Ensure all children, including disadvantaged and SEN, have made progress • Report to Governors about the above mentioned items



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- Purchasing and the organisation of Computing and ICT resources.
- Keeping up-to-date with developments in Computing teaching and learning, and disseminating information to colleagues as appropriate.
- Annual survey of IT equipment and computing provision, use to inform next budget setting.
- Consider how my subject supports PSHE and British values.

The class teacher will, with support from myself:

- Plan and resource specific learning for the children in their class, thinking about the end point and needs of their children.
- Ask for support for any particular subject knowledge and skills gaps prior to teaching the lesson.
- Ensure that resources are appropriate, of high enough quality and are plentiful so that all pupils have the correct tools and material.
- Walked through the lesson and tried out the software, app or skill prior to teaching the lesson.
- Promote the use of technology in other areas of the curriculum.