



## Curriculum statement for the teaching and learning of Computing 2023

<b>INTENT</b>	Our Computing curriculum aims to give our children the life-skills that will enable them to embrace and utilise new technology in a socially responsible and safe way. We want our pupils to be able to operate successfully at secondary school and in the 21 <sup>st</sup> -century work place and to know about the career opportunities that will be open to them if they study Computing. We want children to become independent users of computing technologies and to gain confidence and enjoyment from their curriculum activities. As the curriculum develops, we want technology to support learning across the curriculum and to ensure that every child can access an education. We want our pupils to be digitally literate but also to develop creativity, problem-solving skills and resilience by learning how to be computational thinkers. By giving our pupils a regular and consistent education in Online Safety throughout their time at Southover, we want them to understand themselves as individuals and responsible digital citizens within their community but also as members of a wider global community.
---------------	--

	<b>The teaching of skills</b>	<b>The application of skills</b>	<b>Vocabulary</b>	<b>Online safety</b>
	Southover pupils will be taught how to use a range of computer software including word processing, presentation tools, programming skills and coding.	Southover pupils are given regular opportunities to apply their computing skills and knowledge that they have been taught to support their learning in other areas across the curriculum. <ul style="list-style-type: none"> <li>• Children use their computational skills to aid research in other subjects.</li> <li>• They use their Office skills to develop their presentational awareness when</li> </ul>	Southover pupils understand and use appropriate topic vocabulary.	Southover pupils are consistently taught about e-safety in Computing and PSHE lessons throughout all year groups. They take part in Safer Internet Day activities and assemblies.

		<p>completing projects in other subjects.</p> <p>We are continuously exploring ways in which a range of applications and new software can be used to deliver more creative lessons in the future.</p>		
--	--	---	--	--

Implementation	Teach Computing	School network shared folders	Assessment
	<p>To ensure that the school is continuing to embrace new technology, we use Teach Computing. This scheme gives children the time to develop skills, work at greater depth and working towards an end goal; they build on the skills developed each year with the aim of becoming more fluent in their computing language.</p>	<p>Children are taught to set up their own folder in their classes folder on the network. Work is then saved here as evidence. Children have physical folders to save work from lessons, too.</p>	<ul style="list-style-type: none"> <li>• Pupils can also peer assess each other’s work and give feedback.</li> <li>• Teacher gives verbal feedback in lessons to each pupil/ group.</li> </ul>
	<p><b>Computing Opportunities: Digital Leaders</b></p>	<p><b>Staff</b></p>	<p><b>Inclusive Curriculum</b></p>
	<p>Children who have a passion for computing in years 2,3, 4, 5 and 6 are invited to become Digital Leaders. The Digital Leaders are given extra time each week to use new softwares in order for them to be able to assist teachers and pupils in other year groups. They will also spend one term preparing an online safety poster, taking the key school-wide messages and rewriting them in appropriate language for their own year group.</p> <p>STEM week also provides children across all year groups to experiences that show the application of technologies, from fighting robots to coding sessions.</p>	<p>Staff are given access to Project Evolve resources in relation to Online Safety and teaching e-safety lessons. These are organised by the subject lead.</p> <p>Issues such as cyberbullying, online wellbeing, smartphones, sharing of information, are covered in lessons and in assemblies.</p>	<p>The curriculum at Southover is planned to ensure a variety of interactive and inclusive lessons that challenge and extend the learning of all pupils.</p> <p>Children with educational needs are given access to software and hardware that will allow them to develop their learning in lessons. For example, pupils with dyslexia have been given laptops with clicker 8 installed, to aid them with writing in class.</p>

	<b>Resources</b>	<b>Online safety monitoring</b>	<b>Lessons</b>
	<p>The school has an ICT suite with 17 computers. Each class also has their own set of laptops (4 per class). Each class will have their own tablet.</p> <p>Each laptop and computer is installed with a programmes to aid learning, such as j2e, scratch, scratch junior, audacity, pivot, kodu etc.</p>	<p><b>Safer Internet day-</b> subject lead to deliver assemblies to KS2.</p> <p>E-safety to be continuously taught across all year groups at the start of each school year. It will be taught twice a term.</p>	<p>Each class is given a 45-minute slot to use the Computing suite every week.</p> <p>In lessons, pupils need to practise their touch typing skills by logging into their account. Any work they have created will need to be saved in their individual pupil folder in their class folder on the school network.</p>
	<b>Cross Curricular</b>		
	<p>Pupils and teachers are encouraged to use Computing resources to assist with learning in other subjects across the curriculum.</p> <p><b>TTrockstars-</b> the school has signed up for TTrockstars, a Maths website aimed to developing fluency in times table knowledge. Pupils have a log in and are able to practise their times tables in a series of challenges.</p> <p><b>Seesaw-</b> pupils have been logins to seesaw for home learning during lockdown. They will continue to have access to seesaw for 2020/2021. Seesaw will be used to set homework to avoid pupils bringing books to and from school.</p>		

<b>Impact</b>	At the end of each year, pupils have developed their computing skills and have gained a new understanding of online safety issues and how to keep themselves safe online. They will be more confident in knowing what to do and who to speak to in any online safety scenarios that may occur in future.		
	<b>Pupil Voice</b>	<b>Evidence in skills</b>	<b>Evidence in knowledge</b>
	Pupils consistently enjoy using laptops and the Computing suite at Southover. Computing in the suite provides a break from the classroom	Pupils have been using computers and laptops consistently throughout their time at Southover.	

Curriculum Leader: Abi Kellie

Review date: September 2022?

	and an opportunity for collaborative learning in projects and group tasks.		
--	--	--	--