



<p>What will you see in Computing lessons?</p> <p>In computing lessons, learners will be using either iPads, laptops or desktop computers to access and achieve the learning objective for that lesson. Learners will be taught and encouraged to use key vocabulary specific to the unit. They will also broaden and extend their computing knowledge and skills by utilising additional hardware e.g. Micro:bits, Crumble Kits and Data Loggers.</p> <p>Learners will be encouraged to work both collaboratively and individually during lessons and will often be encouraged to share the work that they have created, with the rest of the class.</p> <p>Learners will be challenged to improve their work and deepen their understanding of computing concepts such as coding or data handling. Learners will also have ample opportunities to express their creativity through coding, animation, graphic design and 3D modelling.</p>	<p align="center">Primary COMPUTING</p>	<p>What will you see that is specifically linked to Liverpool College and extends beyond the National Curriculum?</p> <p>In addition to the weekly hour-long lesson that the learners receive each week, there are also workshops throughout the year that enable learners to explore and deepen their understanding of different computational concepts and equipment. These workshops include an online safety workshop targeted towards UKS2 with a focus on positive social media use and a video production workshop that sees the learners using knowledge that they have acquired in history to create a film about that topic.</p> <p>In addition to this, Computing at Liverpool College embraces and endorses cross-curricular learning, and this is most notable when creating 3D model graphics that are then sent to our Upper School DT learners who will print and create these models.</p>
<p>What formative / summative assessment will you see in Computing?</p> <p>Each lesson provides an opportunity for formative assessment through plenaries and questioning to assess the learners' understanding of the lesson with an aim to address misunderstandings before moving on. Summative assessment takes place at the end of each unit and is formatted as a short quiz that includes questions based on the current units learning, and several questions on previously taught units, to access prior knowledge and encourage retrieval.</p>	<p>What will you see in pupils' Computing books?</p> <p>Computing work is saved in individual pupil folders on the school network. In these folders contain programs that the learners have written; animations/videos they have created; documents/spreadsheets they have published and images they have designed.</p>	<p>Data from the last twelve months reveals particular strengths in:</p> <p>Graphic design and audio editing</p>
	<p>When looking at the research review series and our current pupils, what common misconceptions will be addressed and when?</p> <p>A common misconception in Computing is the underestimation of how widespread digital technology is in the real world and the working environment e.g. using AI to timetable windfarm repair schedules. A greater focus needs to be on how vital computers are learners need to be exposed to more of the engaging and exciting careers that utilise computers. This will be achieved through lessons and also through workshops.</p>	<p>Data from the last twelve months reveals a current focus must be on:</p> <p>Mastery of programming skills</p>