Exhall Junior School

Curriculum Offer

Computing and Online Safety.

Statement of Intent
At Exhall Juniors, it is our intention to enable our pupils to find, explore, analyse, exchange and present information. We want the children at Exhall Juniors to continuously develop so that they can leave our school being computer literate. With technology playing such a significant role in society today, Exhall Juniors believe that 'Computational Thinking' is a skill that all children must be taught if they are able to participate effectively and safely in this digital world. Computational thinking consists of; decomposition (solve a problem by breaking it into smaller pieces), pattern (find the order and analyse the data), abstraction (ignore/take away anomalies within the pattern) and algorithmic design, (create a solution using a series of ordered steps). Computational thinking will entail them being able to evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems. Further to this, we intend to build a computing curriculum that develops pupil's learning and results in the acquisition of knowledge of the world around them that ensures all pupils can understand and apply the fundamental principles and concepts of computer science. Computing skills are a major factor in enabling children to be confident, creative and independent learners and it is our intention that our children have every opportunity available to them to progress to achieve this. We intend to build a computing curriculum that prepares pupils to live safely in an increasingly digital British society.   *We also intend to support our pupils in staying safe online, through a 3D-curriculum style, where by safety online is continuously referenced in their school life, not just explicitly in Online Safety lessons. We recognise that the pupils in our school are surrounded by an increasingly digital British society, therefore we must equip them in having the skills to be able to cope with this.*

Special Educational Needs (SEND) / Pupil Premium / Higher Prior Achievers
All children will have Quality First Teaching. Any children with identified SEND or in receipt of pupil premium funding may have work additional to and different from their peers in order to access the curriculum dependant on their needs. Key vocabulary is shared at the beginning of each lesson and a challenge is also shared for pupils to strengthen understanding.

Implementation
At Exhall Junior School, we have implemented the use of the Purple Mash Scheme of Work to deliver high-quality computing sessions. Teaching from this scheme of works means that teachers can be sure that our pupils are equipped with the digital skills needed for the future and also provides high-quality software links to do this on, ensuring that pupils meet their maximum potential. Staff are not restricted or limited to the scheme of work and are actively encouraged to link the skills to other areas of the curriculum to give the tasks and skills more purpose for the children. Using a scheme of work also enables us to ensure that there is a clear progression and level of difficulty as they move into each year group. By the end of KS2, pupils will be familiar with the digital devices and software needed to accomplish specific goals. In addition to this, they will be able to select, use and combine a variety of software and use technologies effectively, safely and responsibly, so that they are prepared for

potentially using them more independently in later life, as well as accessing them in Secondary School. In order to monitor learning digitally, teachers and other members of staff are able to access the work produced by the pupils by accessing the Purple Mash portal and can mark this digitally. Our computing curriculum provides vertical progression where skills are built upon each year.

Online Safety is taught at least once per half term using the Google Be Internet Legends scheme of work to support lessons and Project Evolve may also be used when appropriate. Online Safety is embedded through a 3D-curriculum style, where by it is continuously referred to, in varied learning opportunities in our Exhall Junior school life, thus emphasising our schools values of safe and respectful – as well as being linked and planned for alongside our PSHE curriculum. Further to this, Online safety skills are developed and taught to be suitable for the child's understanding as well as a being taught with an awareness of what the children are potentially being exposed to.

Teachers are also encouraged to frequently hold online safety discussions and to add lessons at their own discretion. Teaching in this way, ensures that children are reminded frequently about how to use technology safely, respectfully and responsibly. In addition to this, there are Online Safety displays around school to serve as a reminder, as well as frequent correspondence to Parents and Carers to encourage the discussion of Online Safety at home as well as school. Our school website also contains links for Parents and Carers to gain additional information alongside links for students to access to find support. Evidence of children's online safety work can be found in their PSHE books. Online Safety is also embedded into our wider school community through the use of our Online Safety Ambassadors who frequently meet to discuss how to keep the members of our school community safe and about updates of a rapidly increasing digital society.

Long Term Curriculum Plan	Coverage of Skills
https://docs.google.com/document/d/1pgSflFAc4ACSVl_GsqTjp8ebtIxaL_Di/edit?usp=sharing&ouid=10448699256111698954&rtpof=true&sd=true	https://docs.google.com/document/d/19B3-cIC7R5q_BXYTkz19lQpnL7HD_5l7/edit?usp=sharing&ouid=10448699256111698954&rtpof=true&sd=true

Impact
At Exhall Juniors we encourage our children to enjoy and value the curriculum we deliver. We ask the WHY behind their learning and not just the HOW. We want learners to discuss, reflect and appreciate the impact computing has on their learning, development and well-being. Children will be confident users of technology, able to use it to accomplish a wide variety of goals, both at home and in school. Children will have a secure and comprehensive knowledge of the implications of technology and digital systems. This is important in a society where technology and trends are rapidly evolving. We encourage regular discussions between staff and pupils to best embed and understand this. Progress of our computing curriculum is demonstrated through outcomes and the record of coverage in the process of achieving these outcomes.