Computing Curriculum Policy

At Haughton School we believe that it is our responsibility to prepare our children for their lives in the modern world, for which Information and Communication Technology (ICT) is an integral part. We also share in the belief that Computing should enrich and support all aspects of our school curriculum and that children's learning can be made more rewarding and motivating by using ICT. It allows teaching to become more creative and effective, by providing new and exciting learning experiences for our children. The use of technology also allows us to meet the individual needs of our children, by supporting them in accessing all areas of the curriculum.

Aims:

At Haughton School we aim to:

- Provide a broad, relevant, accessible and engaging Computing curriculum for all of our children, regardless of their ethnic origin, age, gender or additional needs.
- Meet the requirements of the National Curriculum Programme of Study, in accordance with the individual needs of our children.
- Embed Computing across our curriculum, by acknowledging its contribution to learning in all other subjects.
- Teach Computing in line with the overarching values in our Teaching and Learning Policy.
- Use technology effectively to transform the teaching and learning experiences within our classrooms.
- Use the Rising Stars Scheme flexibly to ensure that the individual needs and abilities of each child are met during Computing lessons.
- Provide specialist equipment and software to enable access and inclusion for all of our children.
- Equip our children with confidence and capability in their use of Computing, by helping to support them in developing their computational life skills.
- Ensure the safety and well-being of our children at all times, by embedding an ethos of E-safety within school, in a way that is appropriate to the needs of our children (please see our E-Safety policy).
- Ensure that our `Computing resources are relevant and sufficient.
- Support all staff in making an effective use of ICT, at a professional level.

The Rising Stars Scheme:

The 'Switched on' Computing Scheme by Rising Stars is designed to ensure that children achieve the National Curriculum objectives. Within this scheme our children will experience or develop skills in: Computational thinking; IT skills; Coding; knowledge of E-Safety and Digital Literacy.

We recognise that our children have widely differing Computing abilities. Therefore, we currently follow the Foundation Stage, Year 1 and Year 2 Rising Stars Units, as this in line with the developmental needs of our children. The Rising Stars units provide a theme for ideas, content and objectives, that our teachers can then adapt to meet the individual needs and learning styles of the children in their class. This ensures that all of our learners are fully included within our Computing curriculum.

Computing in the Early Years follows the 'Rising Stars: Computing in the Early Years' programme; so that the use of technology becomes part of each child's experiences as soon as they start their learning journey with us at Haughton School. Our children who are in the Early Years Foundation Stage are provided with broad, play-based experiences of Computing and Technology, in a range of different contexts.

The Foundation Stage and Key Stage 1 classes will complete two units per term (one per half term for example). The Lower Key Stage 2 and Upper Key Stage 2 classes will complete one unit per term.

Please see our Long Term Unit Plan below:

Year	Term	Early Years	Key Stage 1	Lower Key Stage 2	Upper Key Stage 2
Year 1	Autumn	We have confidence We can drive	We are successful We can exercise	We are Treasure Hunters	We are Astronauts
	Spring	We can listen We are digital readers	We can understand messages We can blog	We are TV Chefs	We are Game Testers
	Summer	We can count We are community members	We are shape makers We can observe	We are Painters	We are Photographers
Year 2	Autumn	We can take turns We are DJ's	We have feelings We are healthy	We are Collectors	We are Researchers
	Spring	We can understand instructions We can smell	We are talkers We are games players	We are Storytellers	We are Detectives

	Summer	We are designers We are creative	We can record sound tracks We are film makers	We are Celebrating	We are Zoologists

Assessment:

Ongoing formative assessment in an essential part of our practise; teachers are expected to update our iASEND assessment tool half termly to show progression in their children's learning. The teacher will also use the iASEND data as a supportive tool, to match the work and lesson content to the individual abilities of the children, to ensure progression in their learning. Other opportunities for assessment will arise in cross-curricular work, where teachers and their classes have access to their own Microsoft Surface computers (1:2) and software resources (e.g. Purple Mash) to ensure that they can utilise the use of technology and develop Computing skills across other curriculum subjects.

Responsibilities:

The Computing Coordinator will:

- Liaise regularly with staff, both at staff meetings and informally, to monitor the effectiveness of the policy and the Computing Curriculum.
- Attend professional development courses, keeping up to date with important information and then reporting this back to staff.
- Support staff in their own professional development within Computing, where appropriate.
- Organise additional training from external agencies, as and when appropriate.
- Support teachers with planning and use of resources, within the Rising Stars Framework.
- Monitor teaching and learning standards in Computing when appropriate, with the support of the Senior Leadership Team.
- Collect, analyse and react to pupil voice surveys.
- Collect analyse and react to staff member surveys.
- Stay update with E-safety issues and be responsible for the teaching of E-safety along side of Rising Stars and the Education for a Connected World schemes of work.

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