St James CE Primary School, Haslingden

COMPUTING POLICY	
Written By	K Simister
Date	May 2022
Review Date	May 2024

Growing in God's Love, Learning as we go.

ENDURANCE   FORGIVENESS   PEACE
FRIENDSHIP   TRUST   KOINONIA
THANKFULNESS

1. **Aims and objectives**
   Computing aims to prepare pupils to participate in a rapidly changing world in which work and other activities are increasingly transformed by access to varied and developing technology. We recognise that computing is an important tool in both the society we live in and in the process of teaching and learning. Pupils use different tools to find, explore, analyse, exchange and present information responsibly and creatively. They learn how to employ computing to enable rapid access to ideas and experiences from a wide range of sources.
   Our vision is for all teachers and learners in our school to become confident users of ICT so that they can develop the skills, knowledge and understanding which enables them to use the appropriate resources effectively as powerful tools for teaching & learning, for example beebots, ipads, PCs etc.

   To enable children to become autonomous, independent users of computing, gaining confidence and enjoyment from their activities, we aim to:
   - Develop a whole school approach to computing ensuring continuity and progression in all strands of the computing National Curriculum. This is done by predominantly using PurpleMash lessons and resources.
   - Use computing as a tool to support teaching, learning and management across all areas of the curriculum.
   - Provide children with opportunities to develop their computing capabilities in all areas specified by the Curriculum.
   - Ensure ICT is used, when appropriate, to improve access to learning for pupils with a diverse range of individual needs, including those with SEN and disabilities.
   - Maximise the use of computing in developing and maintaining links between other schools, the local community including parents and other agencies.

2. **Teaching and learning style**
   Teacher's planning is differentiated to meet the range of needs in any class including those children who may need extra support, those who are in line with average expectations and those working above average expectations for children of their age.
   A wide range of styles are employed to ensure all children are sufficiently challenged:
   - Children may be required to work individually, in pairs or in small groups according to the nature or activity of the task.
   - Different pace of working
   - Different groupings of children - groupings may be based on ability either same ability or mixed ability.
   - Different levels of input and support
   - Different outcomes expected

3. **Computing curriculum planning**

   Our school uses the national curriculum for Computing as the basis for its curriculum planning. While there are opportunities for children of all abilities to develop their skills and knowledge in each teaching unit, the progression planned into the scheme of work means that the children are increasingly challenged as they move through the school. Most of our Computing teaching is taught using PurpleMash teaching units and resources. These units have been organised in our Curriculum Overview so that links can be made to other areas that are being taught at the same time. For example, in Year 6, the computing unit of spreadsheets is taught at the same time as the PSHE unit of money and budgeting so that they can be taught in a cross-curricular way. In addition to PurpleMash, we also use a range of other resources and software to support the teaching of computing across the school.

4. **Record Keeping and Evidence**

   Children's work is recorded and evidenced in a range of different ways. These include:
   - Saved in their individual areas on PurpleMash
   - Saved in the '2do' areas of PurpleMash
   - Saved in the portfolios section of ClassDojo and activites section on SeeSaw
   - Work printed off and put into Curriculum Books, or topic floorbooks.

5. **Assessment for learning**

   Children demonstrate their ability in computing in a variety of different ways. Teachers will assess children's work in computing by making informal judgements as they observe them during lessons. On completion of a piece of work, the teacher assesses the work and gives oral or written feedback (often online on PurpleMash) as necessary to inform future progress. Pupils are also encouraged to make judgements about how they can improve both their own work and the work of their peers. At the end of each term, the teacher makes a summary judgement about the work of each pupil and will give them one of the following assessment levels for each year group.
   - Secure (Greater Depth) - pupils are working above an appropriate ability level for year group.
   - Secure – pupils are working at an appropriate ability for their year group.
   - Developing – pupils are working just below an appropriate ability for their age group.
   - Entering - pupils are starting to use some of the skill appropriate for their age group.

These judgements are made against the key-skills identified in each area of the Computing Curriculum.

6. Resources

Each classroom has some PCs which the children can use at regular periods to aid them in their learning of other subjects.

We also have 30 iPads that are timetabled so that each class has access to them at least twice a week. All classes from Year 2 upwards, also have 6 class iPads which can be used whenever is necessary.

Children are able to access PurpleMash through the iPads, and they also have access to a range of other apps and tools using the iPads.

7. Online Safety

Please also see our separate internet safety policy.