

Rishton Methodist Primary School

Computing Policy

School Mission Statement

As a Methodist school, our values lie at the heart of all we are and do. Within our caring Christian community, where all are welcome, everyone is encouraged to be the best that they can possibly be. We promote respect, compassion and resilience to prepare our children for the challenges of an ever-changing world.

Rise uptake courage and do it"
Ezra 10:4

Aims

Computing has the potential to enhance the quality of teaching and learning across the curriculum. We will provide the children with the basic skills and techniques needed to use the main curriculum software and the opportunities to use computing within the wider curriculum of the school, in order to enhance their communication and learning. Our aim is for all pupils to be digitally literate. Pupils will also develop the ability to use technology as a means of accessing resources.

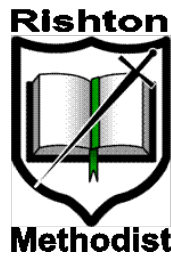
Skills and Knowledge

In our school we will aim:

- To understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation.
- To analyse problems in computational terms and have repeated practical experience of writing computer programs in order to solve such problems.
- To evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems.
- To be responsible, competent, confident and creative users of information and communication technology.

Attitudes

A high proportion of work using technology will be using shared resources including Ipads, computers and interactive whiteboards. We aim to foster group work, sharing and collaboration between peers. Caring and respect for equipment and resources will be an integral part of the curriculum.



Working on the open access resources of the Internet requires a mature and responsible attitude. As a school we have an E-safety Agreement which is signed by parents after talking to their child about e-safety in school. This is completed before access to the Internet is allowed.

Management

There is a designated Computing Co-ordinator to oversee the planning within the school. The co-ordinator will be responsible for informing the rest of the staff about new developments, including the new curriculum, and where appropriate for organising appropriate training. The co-ordinator will not be a technician but will advise colleagues on managing equipment, software and planning.

The co-ordinator will monitor the curriculum and liaise with the governor with responsibility for Computing.

Curriculum

Computing will be integrated into all other subjects at appropriate stages and used as a tool to enhance other learning. In addition, we will aim to promote the skills and knowledge of Information Technology as a subject in its own right.

Computing capability will be delivered to cover the revised National Curriculum and will also be incorporated into other areas of learning where possible.

Bug Club

Bug Club is an online learning platform which contains eBooks and online activities. Every child has their own username and password, therefore they can access the website at school and at home.

Purple Mash

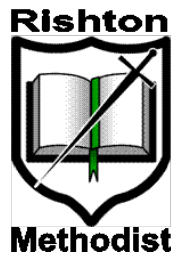
Purple Mash is a creative online space and a cross-curricular resource. It enables children to enhance and explore their knowledge in a fun and creative way. Purple Mash is a valuable tool for teaching the new Computing curriculum. All children have their own personal username and password, therefore they can access the website at school and at home. The school has adopted the Purple Mash computing scheme of work to deliver the computing curriculum.

Education City

The children also have access to Education City, for use both in class and at home. Children can access homework and other learning support through this site. They each have individualised log ins to access set work and navigate the site.

Access

Computer access for all pupils is ensured through the Purple Mash Scheme and the revised National Curriculum document. Easy access and integration into other areas of learning is



ensured by the location of computers in the large computer suite with a timetabled session for each year group each week to deliver computing. Outside of these timetabled sessions the ICT suite is free to be booked and used by classes to support learning through a variety of online platforms. In addition there are 20 first generation Ipad tablets and 30 Ipad Air tablets available in school to be used at any time. Each class is equipped with an Interactive whiteboard and subscriptions to online platforms including SumDog, Frankies Lab, Education City, Purple Mash and Rising Stars ensure that children have access throughout the curriculum.

Teaching and Learning

Activities will be planned according to the different levels of children's skills and previous knowledge.

Computing will be delivered through a variety of teaching and learning methods e.g. whole class, group and individual work. Differentiation and progression will be ensured by a variety of approaches such as:

- same activity but different expectations of outcome
- same theme but different levels of input
- allowing for different pace of working
- different groupings of children
- developing different modules of work at different times of the year for different abilities

Special Educational Needs

The school will recognise the advantages of the use of IT by children with special educational needs. Using IT can:

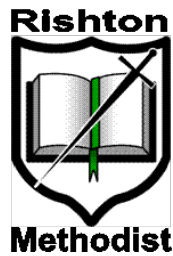
- address children's individual needs
- increase access to the curriculum
- enhance language skills

Equal Opportunities

The school will promote equal opportunities for computer usage and fairness of distribution of IT resources. Positive images of computer use by children of both sexes will be promoted.

Assessment

Assessment of Computing will take place within all curriculum areas, however clear learning objectives will support the focus of assessed activities. Each child will have their own personal file on which to save samples of work each year. Teachers will assess children using the Purple Mash Assessment tools in order to inform their planning.



Annotated evidence of IT work will be kept in the Computing Co-ordinator file which will be organised by the Computing co-ordinator. Evidence of Computing skills will be collected each term from Reception to Year Six as well as interviews and questionnaires with staff and pupils at regular points throughout the year.

Security

- Computers in classrooms and the computer suite are concealed from view in the evenings.
- Laptops are either stored in cupboards or taken home by staff.
- The school has an alarm system installed throughout.
- Managements systems have individual security. The files and network system are backed up regularly.
- New IPAD's are locked in the caddy and taken back to the lockable storage area each day.
- The older Ipads are stored in a locked caddy in the meeting room.
- Teacher iPads are stored in cupboards or taken home by staff.

Signature from Governors:	Date:
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Signature of Head teacher:	Date:
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Date of next review: January 2022
