



Trinity School Curriculum Statement for Computing

INTENT

At Trinity school, we aim to provide a relevant, challenging and enjoyable computing curriculum for all pupils with many cross-curricular links and to embed the use of technology in everyday learning, leading to digitally literate learners. This will enhance teaching and learning throughout the curriculum by enabling quick access to knowledge, information and experiences. Ongoing staff training and curriculum updates ensure that our pupils will participate in a rapidly changing society with constantly evolving technology. We enable them to find, explore, develop, analyse, exchange and present information to support their problem solving, investigative and expressive work.

The online safety curriculum aims to ensure that our pupils learn about issues of safety, security, confidentiality and accuracy.

IMPLEMENTATION

Pupils in Key Stage 1 and 2 have a weekly timetabled lesson of one hour. All classes have class sets of laptops or tablets that are available to pupils in all lessons. Alongside these, the school is well equipped with Microbits, programmable robots and the Now Press Play audio experience resource.

Computing lessons follow the Jersey curriculum and the long term plan created for the school, which is reviewed annually and updated to ensure up to date coverage of ever-changing technology.

Our computing curriculum ensures all classes learn IT skills, computer science and digital literacy and that there is progression throughout the school.

Online safety is very important at Trinity School. In Key stage 1 and 2, the children are taught a specific online safety lesson at the start of each half term with an accompanying parental engagement homework task. When online safety concerns arise, teachers address these with additional sessions focusing on the topic of concern.

The planned progression built into this scheme of work means that the children are increasingly challenged as they move through the school and the skills taught build upon prior learning. The use of Google classroom and J2E allows technology to be used effectively across the curriculum.

One of the school's TAGs (Trinity action groups) includes an online safety team. This group acts as a student voice when making school decisions about computing and online safety. They feedback to classes, information and help to support computing throughout the school.

Assessment of children's progress will be ongoing throughout the year. All children have a computing book. On the front cover, the children will have their Acceptable User Policy that they will sign each year alongside their parents. The computing book will be a record of learning from independent computing lessons, cross-curricular work and any online safety activities. Teachers use the Computing skills Assessment grid to assess children after each unit of work as either emerging, developing or secure. Parents are informed of their child's progress in computing in the annual report.

IMPACT

By the time children leave Trinity School they will:

- demonstrate a mature attitude to using technology and be safe online, and know how to report concerns.
- understand the key concepts of computer science, including abstraction, logic, algorithms and

data representation.

- analyse problems in computational term, and write computer programs to solve such problems.
- evaluate and apply information technology, including new or unfamiliar technologies.
- be responsible, competent, confident and creative users of information and communication technology.