

Computing at Newbold School

Purpose of study

At Newbold School we recognise that equipping children with a high-quality computing education will enable them to use computational thinking and creativity to understand and change the world. The core of computing teaching is computer science, in which children are taught the principles of information and computation, how digital systems work, and how to put this knowledge to use through programming. Building on this knowledge and understanding, pupils are equipped to use information technology to create programs, systems and a range of content. Computing also ensures that children become digitally literate - able to use, and express themselves and develop their ideas through, information and communication technology - as active participants in a digital world.

Computing curriculum

We follow the national curriculum for Computing at Newbold School. Technology is used in our lessons wherever possible. As part of the Computing curriculum, children are taught how to:

- Log on, navigate and use technology
- Research and understand the importance of verifying news and the validity of websites
- Be safe online and understand what to do in e-safety situations
- Program and debug
- Plan, design and create
- Word process

A termly outline of each classes Computing plans can be found in our Curriculum Maps section of our website.

IT Equipment

At Newbold School we have 20 Chromebooks available for class use, each child has their own login and password to ensure that data is protected. All classes have SMART boards. Internet access is wireless and available throughout the school.

E-safety

E-safety is of utmost importance at Newbold School. Both staff and children have been trained on e-safety. For more information relating to Computing and e-safety please go to our policies section of our website.