



# Preparing Children for the Future



## CURRICULUM STATEMENT

for

## COMPUTING

Subject Leader: Mrs M Cadden



Computing is an integral part of our everyday life and will play an inestimable part in children's futures. At Knowle CE Primary Academy we provide all of our pupils with the knowledge, skills and understanding to live and thrive in a world increasingly dependent on computing. As computing technology underpins today's modern lifestyle it is essential that all our pupils gain the confidence and ability that they need in this subject, to prepare them for the challenge of a rapidly developing and changing technological world. The core of computing is computer science, in which pupils 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. Pupils become digitally literate - able to use, and express themselves and develop their ideas through information and communication technology - at a level suitable for the future workplace and as active participants in a digital world. The use of these technologies also enrich the experience of all pupils and the resources help to provide an environment without boundaries, where opportunities can be explored in safety and in confidence.

# Learning for Life