**Thurlaston CE (Aided) Primary School**
**Teaching and Living the Christian Way of Life**
Building Our Lives on Jesus

# Computing Policy

Approved:

Signed ……………………………………………………………………

Review Date:

## Intent

In line with the 2014 National Curriculum for Computing, our aim is to provide a high-quality computing education which equips children to use computational thinking and creativity to understand and change the world. The curriculum will teach children key knowledge about how computer systems work in a safe and responsible  manner. Children will have the opportunity to gain an understanding of computer systems of all kinds, whether or not they include computers. Children will become digitally literate and 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 vast growing digital world.

## Implementation

We have chosen to implement computing through the 'Teach Computing' scheme. This programme of work gives all teaching staff the confidence and the knowledge to best embed and cover every element of the computing curriculum. The knowledge/skills statements build year on year to deepen and challenge our learners. Children will have access to the hardware (computers, tablets, programmable equipment) and software that they need to develop knowledge and skills of digital systems and their applications E-safety is implemented through 'Teach Computing' and reviewing annually the Acceptable Use Policy with the children . Children will have the opportunity to explore and respond to key issues such as digital communication, cyber-bullying, online safety, security, plagiarism and social media.

## Impact

Our approach to the curriculum results in a fun, engaging and high-quality computing education. The quality of children's learning is evident in their confidence and competency to navigate digital technology and through discussions and evaluation of their own work, as well as their peers. Evidence such as this is used to feed into teachers' future planning, and it enables teachers to revisit misconceptions and knowledge gaps in computing in future teaching. This supports varied paces of learning and ensures **all** pupils make good progress. Much of the subject-specific knowledge developed in our computing lessons equip pupils with experiences which will benefit them in secondary school, further education and future workplaces. From research methods, use of presentations and revisiting strands repeatedly through a range of themes during children's time in primary school will ensure the learning is embedded and skills are successfully developed. Computing at Thurlaston CE (Aided) Primary School gives children the building blocks that enable them to pursue a wide range of interests and vocations in the next stage of their lives and ensure they are competent and safe users of all types of technology.