



## Computing Statement of Intent

### INTENT

At Southam St James Academy, we value the contribution that Computing can make for the benefit of all pupils, staff, parents, governors and the wider community. Our aim is to provide a computing rich environment which allows pupils to gain the confidence and ability to use technology in order to prepare them for the challenge of a rapidly developing and changing technological world.

#### Our aims:

To develop the **Computing skills** of everyone in school so they are confident, safe and independent.

To provide **interactive** learning for adults and children through a range of current technologies.

To encourage **independent** learning for life.

#### We will strive to:

Use technology where appropriate to motivate and inspire pupils and raise standards across the curriculum.

Develop pupil's computing skills, knowledge, understanding and capability through taught Computing lessons and to provide varied opportunities for pupils to apply and consolidate their computing capability across all curriculum contexts.

Encourage learning out of school hours and promote links with parents and the wider community.

Use technology to support all pupils to ensure they are able to reach their full potential, regardless of gender, disability or ethnicity.

Make children aware of inappropriate use of ICT and how to use it safely and responsibly.

Ensure staff have opportunities to continue their professional development in the Computing curriculum and use of technology.

Ensure our technology resources are up to date, easily accessible and sustainable.

### IMPLEMENTATION

When teaching computing at Southam St James C of E Academy, we aim to develop teaching strategies which promote resilience, independence, critical thinking, communication skills, basic skills and problem solving. By the time children leave Southam St James C of E Academy, they will be able to write algorithms (code programs), test them, debug them and develop them further. They will also know how to appropriately use technology to communicate and share ideas, and will have a good understanding of E-Safety and how they can keep themselves and others safe when using technology.

### IMPACT

By the time they leave Southam St James C of E Academy, children will be confident that they can be safe online. They will have developed the ability to manipulate a range of programmes in order to help them record work in written format, through images and through sound. They will have developed skills across the strands of information technology, digital literacy (incl. eSafety) and computer science that will support them in their next phase of learning at KS3 and in life.