

# King Ina Church of England Academy

## Computing Curriculum Overview Statement

Our curriculum approach to computing reflects our vision statement:

Within our secure Christian environment, our vision is to develop healthy, happy, motivated learners who aspire to achieve their full potential and who look to the future with confidence.

The name of the current curriculum lead is on the school website on the curriculum page.

### Intent

Our intention here at King Ina Church of England Academy is to prepare our children for their future by giving them the opportunities to gain knowledge and develop skills that will equip them for an ever-changing digital world. Our computing curriculum focuses on progression skills in computer science, information technology, digital literacy and online safety to ensure that children become competent in safely using, as well as understanding, technology. These skills are revisited repeatedly to ensure that the learning is embedded and that the skills are developed.

### Implementation

Computing and e-safety are taught as discrete units of work but are also planned to be incorporated into our whole curriculum. E-safety is closely linked to PSHE and RSE as well as our school values and computing is embedded into our English, topic, mathematics and science planning.

We use the 'SSE eLIM Active Bytes' scheme to deliver our half-termly blocks of e-safety, which provide an age-appropriate online safety curriculum that is flexible, relevant and fully in-line with the National Curriculum. Our staff are fully trained with eLIM to deliver the units and use the materials to support collective worship and special theme weeks as well as discrete lessons.

We use The New Wessex Planning to deliver our computing curriculum, which allows us to develop safe, responsible and competent learners who are creative, curious and logical as they navigate, investigate and contribute to the world around them. The scheme is split into blocks of learning that build year-on-year around the four themes of 'Handling Data', 'Multimedia', 'Technology in our lives' and 'Programming'.

Using a variety of hardware across the school, we provide children opportunities to experience working on tablets, chrome-books and laptops, from Reception to Year 6, classes have access to enough devices for each child to work on their own unit and we also have chrome-books ready for pupils to use at home should they need to isolate or carry our home-learning. We use online programs such as TTRS, Mathletics, Discovery Education and Accelerated Reader to complement our whole school curriculum. At King Ina Church of England Academy, we use e-Schools as our website provider and our online learning platform, enabling children to access, complete and submit work from home, communicate with their peers and their teachers in a safe and secure online environment and share their school work, achievements and projects with their families.

### Impact

Our school community here at King Ina Church of England Academy uses technology to enhance our day-to-day learning; our pupils enjoy and value the opportunities provided to create, learn, communicate and entertain using technology in a safe and progressive environment.

The children use logbooks and 'I can' statements to self-assess their progress and teachers observe and monitor learning, providing verbal feedback to communicate achievements and next steps.