



Computing Intent

At The Academy at St James, we want to prepare our children to thrive as responsible, digital citizens. In today's continually evolving digital world, technology plays a pivotal part in our children's lives both at home and at school. We believe that it is therefore imperative that through high-quality teaching, we model and educate our children on how to use technology positively and safely whilst also equipping our children with the skills in order to develop computational thinking and creativity to understand and change the world.

At the Academy at St James we want our children to be independent, confident and competent at implementing the skills and knowledge that they have learnt using a range of technology. Our broad curriculum includes: Computer Science, ESafeguarding, Media, Information Literacy and Data Handling. At the Academy at St James we believe that although computing skills need to be taught explicitly; computing needs to be embedded across the whole curriculum. This not only enhances the teaching of other subjects by making them more creative and accessible; but enables children to have purposeful opportunities to apply and consolidate the skills that they have learnt in order to further deepen their knowledge and understanding. We believe that skills should be taught progressively in well sequenced lessons which builds upon previous learning from throughout school.

At the Academy at St James we aim to inspire children to think about how their computational skills, can be used in the real world. For example, a green screen is used in some filming by the media and programming is how the games and software children use are made. We believe that this is not only supports children to understand the purpose of why they are learning certain skills but it also enables children to have aspirations for later in life.

Christian Values, Cultural Capital and Pupil Premium enhancements

Our Computing curriculum provides opportunities for all to access learning and acquire the important knowledge they need to prepare them for life in the wider world. At the Academy at St James we want our children to be confident digital citizens who have the skills that enable them to access the 'digital world' effectively, purposefully and most importantly safely. We ensure that digital safety is not only shared and encouraged by the children, but with parents and carers also. We invite parents to meet with our local PCSO to inform them of current online issues and are available for any questions parents and carers may have. Parents and carers are also encouraged to speak to the Safeguarding Team if they have any questions or are unsure of how to keep their children safe online.

Some of our children are able to become Digital Leaders, assisting with the organisation of our ICT resources around the school.