



# Computing

## Our Whole School Curriculum Intent

### Introduction

The Cathedral School of St Mary is a small Catholic primary school adjoining Plymouth Cathedral.

With a multi-cultural demographic, the school welcomes pupils from a range of ethnicities and backgrounds, including Indian, Eastern European and African heritages, and we are proud of our strong sense of community and family support. Ours is a school with high expectations, good behaviour and a pride in everything we do. Pupils are kind, well-mannered and respectful.



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## Our Whole School Curriculum Intent

At The Cathedral School of St. Mary, we see our curriculum as something that fully embraces everything that the children do whilst they are with us. At the heart of our curriculum is our child as a child of God. As a Catholic school, Catholic education is rooted as its core. We strive for excellence in all that we do, preparing our pupils to leave us as citizens who can influence and change the world for the good, with the Pope's message in the Laudato Si underpinning our why!

We believe the curriculum should be fully inclusive and accessible to all, with both breadth and depth, highly relevant and purposeful, exciting for both staff and pupils, and develop a real passion for learning.

Our curriculum offers a wide range of inspiring, engaging and exploratory learning experiences, that includes developing cultural capital through planned activities, such as residential trips. We aim to raise pupils' aspirations by teaching them about human creativity and achievement and we strive to help our pupils understand the impact we have on the world we live in, not just at school, but as educated citizens within their own community and on a wider global scale.

We want the learning focus to be more 'outward-facing', enabling the pupils, as good stewards, to take positive action, empowering them to change the world.

We want their learning to be more 'big picture' oriented and less about 'box ticking', tapping into their natural curiosity and broadening their horizons.



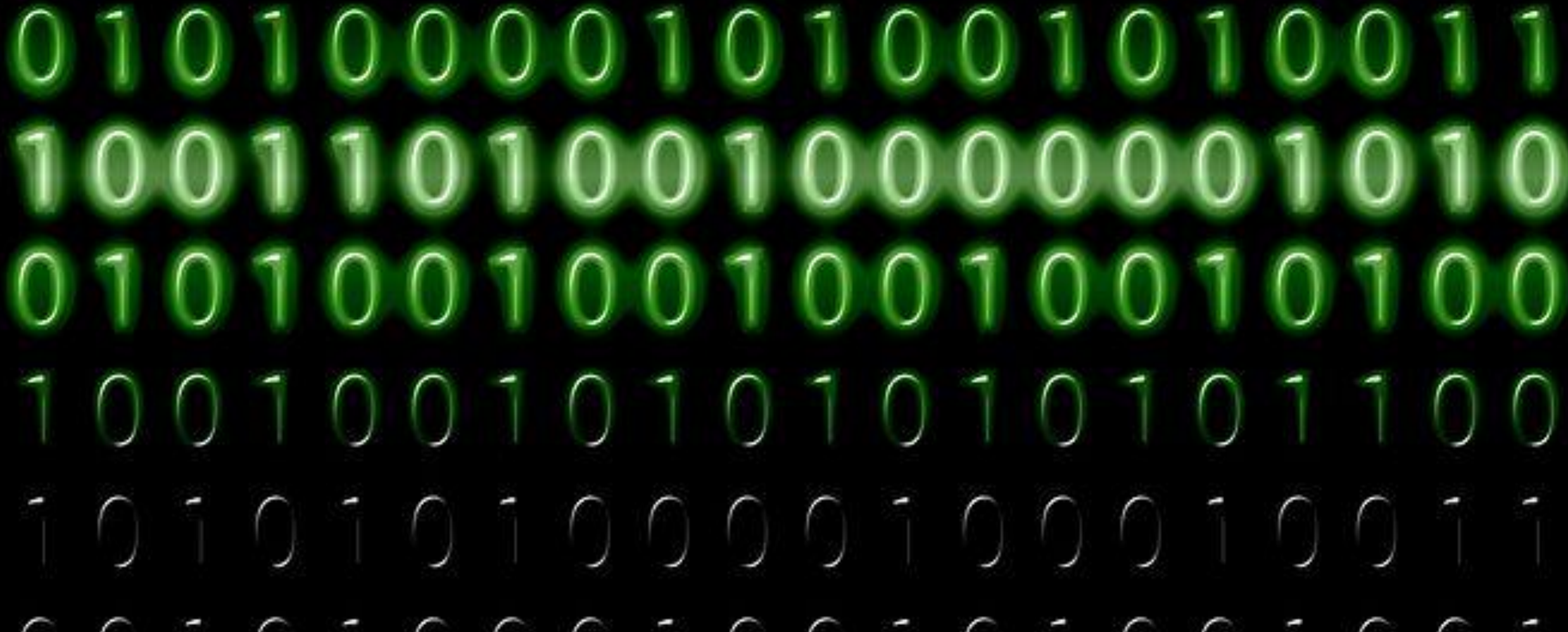
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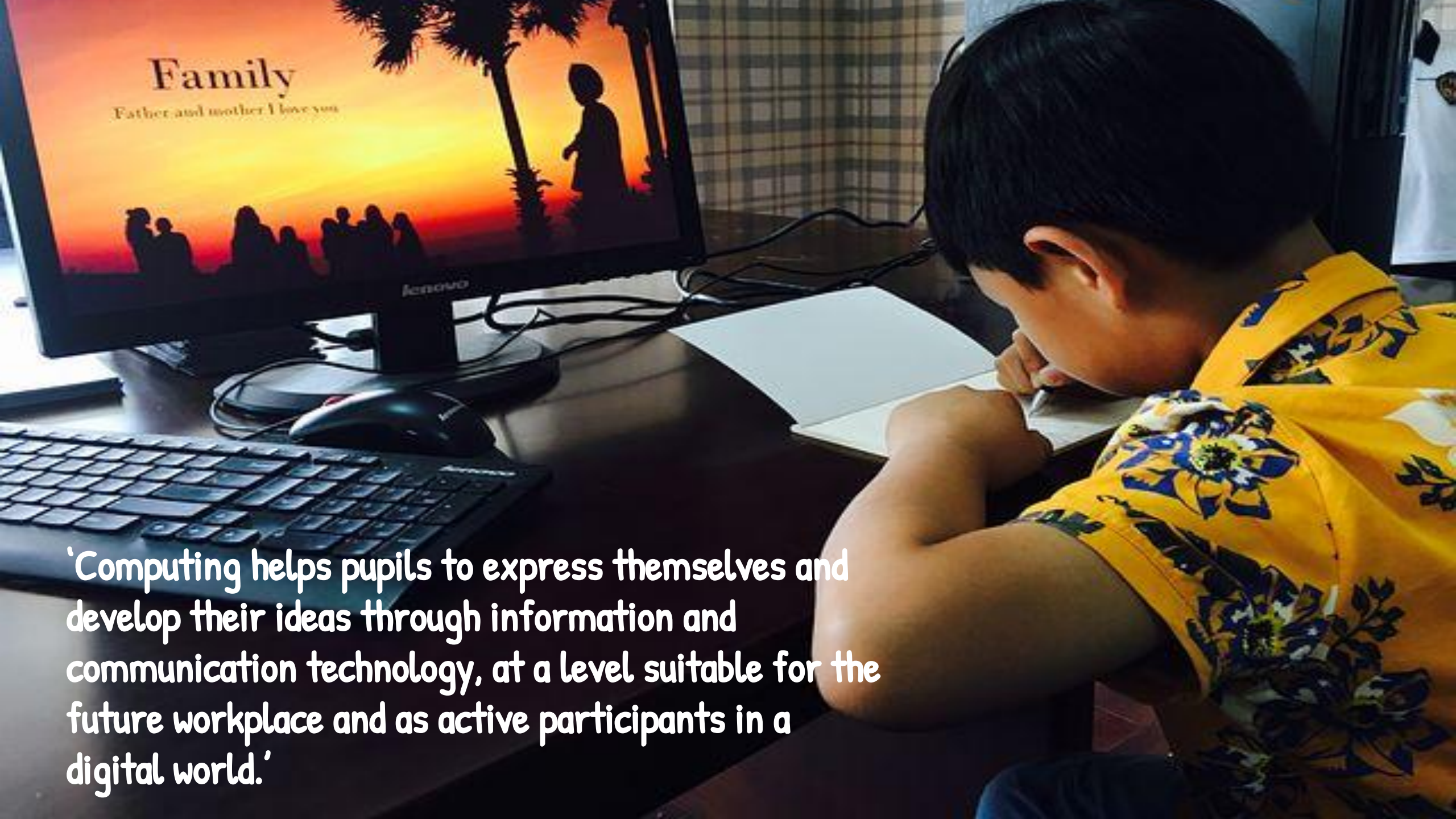
## Computing Curriculum Intent

At The Cathedral School of St Mary, all pupils have the right to have rich, deep learning experiences that balance all the aspects of computing. With technology playing such a significant role in society today, we believe 'Computational thinking' is a skill children must be taught if they are to be able to participate effectively and safely in this digital world. A high-quality computing education equips pupils to use creativity to understand and change the world. Computing has deep links with Mathematics, Science, and Design and Technology, and provides insights into both natural and artificial systems. In our school, the core of computing is Computer Science in which pupils are introduced to a wide range of technology, including laptops, chromebooks, iPads and interactive whiteboards, allowing them to continually practice and improve the skills they learn. This ensures they become digitally literate so that they are able to express themselves and develop their ideas through information and computer technology- at a level suitable for the future workplace and as active participants in a digital world.

We teach a curriculum that enables children to become effective users of technology through the following aims:

'Through computing, pupils are more able to actively participate in a rapidly changing technological world.'





**'Computing helps pupils to 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.'**

'Computing teaches pupils how to flourish in a connected world, developing their sensitivity to others online, treating them with respect, and showing respect for their privacy.'







'Computing teaches pupils how to keep safe online, and where to go for help and support.'