

## **Golborne St. Thomas' C of E J & I School**

### **Computing Policy**

#### **A journey in faith, arriving with hope.**

##### **St. Thomas' School vision:**

**To ensure the children are highly valued by all members of the school community.**

St. Thomas' creates a culture of high aspirations by making the school the heart of the community. We aim to develop a culture of curiosity and creativity by unleashing our children's God-given potential to make a difference in our locality and beyond.

Our parents, staff and governors see and understand the individual talents of each pupil and the opportunities provided. We openly celebrate and reward children's successes and achievements.

**To inspire all children through a broad, balanced and engaging curriculum enabling every child to succeed.**

We create an ethos where everyone is an explorer and an active participant. Children are challenged and encouraged to thrive in all areas. Our aim is to nurture talent and ensure children are equipped to live life in all its fullness.

Children experience a wide range of high-quality lessons and enrichment activities daily. We recognise that children are naturally curious; therefore, child-led learning is developed through their questions.

**To nurture children's wellbeing to ensure healthy mind, body and spirit.**

At St. Thomas' values are at the heart of all we do. We provide a safe, supportive environment which empowers children to grow and develop their self-worth, self-esteem and self-respect. Our unique learners are resilient and are willing to take big risks to make big leaps.

Values are actively promoted, modelled, and celebrated by all. Our inspiring curriculum and pastoral care teaches children the importance of healthy lifestyles: physically, mentally and spiritually.

### **Computing Policy**

Golborne St. Thomas' provides pupils with a creative and flexible computing curriculum that will equip all children with the computing and digital skills they need thrive in the future. The computing curriculum also ensures that pupils become digitally literate (able to use technology, express themselves and develop their ideas fully) at a level suitable to be active participants in a digital world.

This policy reflects the requirements of the [National Curriculum programmes of study](#), which all maintained schools in England must teach.

It also reflects requirements for inclusion and equality as set out in the [Special Educational Needs and Disability Code of Practice 2014](#) and [Equality Act 2010](#), and refers to curriculum-related expectations of governing boards set out in the Department for Education's [Governance Handbook](#).

## **Computing Overview**

At Golborne St. Thomas', we aim to provide pupils with a creative and flexible computing curriculum that will equip all of our children with the computing and digital literacy skills that they need thrive in a rapidly changing world controlled by technology.

The Computing curriculum is comprised of three strands: Computer Science, Information Technology, and Digital Literacy. Together, these strands come together to teach children how computers and computer systems work, how to design, build and analyse programs, and how to find and manage digital information securely.

At Golborne St Thomas', we maintain that safety is of the utmost importance and recognise that even though technology is amazing in so many ways, it can pose dangers. Therefore, we endeavour to teach our children how to use technology safely and respectfully, whilst being able to recognise and appropriately react to online dangers.

## **Computing at Golborne St. Thomas'**

Our objectives:

- Pupils can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation
- Pupils can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems
- Pupils can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems
- Pupils are responsible, competent, confident and creative users of information and communication technology

At St Thomas', children have access to the latest technology. As we believe that technological skills are paramount to our children's future successes, we have therefore deployed one-to-one iPads in Years 1-6, with children in EYFS also having access to iPads. This programme allows for computing skills to be taught both discretely and across the wider curriculum. Consequentially, children are exposed to inspiring and innovative opportunities to learn using technology. For computing lessons, we follow the Knowsley Scheme of Work. Their computing curriculum is designed to engage children presenting them with different challenges, ensuring that their computing skills are being built on each year.

Children's learning is evidenced on Seesaw which is our digital learning platform.

## **Governors**

It is the statutory duty of the governors to ensure that the school follows its responsibilities to meet the needs of children within history in accordance with the National Curriculum.

## **Further Information**

For full details and to answer any further questions you may have, please consult our School Information Report, found on our website.

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