Hateley Heath Academy
Computing Policy

Date approved:	September 2024
Approved by:	CEA
Date adopted by the MAT (i.e. effective date):	September 2024
This policy is scheduled for review on:	Every 3 years

Contents

Policy Statement

This policy outlines Manor Multi Academy Trust's ('we' / ''our' / 'us') expectations of our employees' ('you') in relation to providing the best Computing provision for our pupils.

We are committed to equality and value diversity. As such we are committed to fulfilling our Public Sector Equality Duty (Equality Duty) obligations and expect all staff and volunteers to share this commitment.

This policy should also be applied in accordance with ICT Acceptable Use policies and Procedures. Copies of all policies and procedures can be accessed via the **All MAT Staff** area on Teams.

The Equality Duty requires us to have due regard to the need to:

- Eliminate unlawful discrimination, harassment, and victimisation.
- Advance equality of opportunity.
- Foster good relations between people who share protected characteristics, such as age, gender, race and faith, and people who do not share them.

If you consider that any of our practices, policies or procedures may be indirectly discriminatory, you should report your concerns and the basis for them to your line manager, who will take appropriate action and ensure that you receive a written response in respect of the concerns that you have raised.

This policy does not form part of your contract of employment. We reserve the right to amend or withdraw this policy at any time.

We are responsible for ensuring the effective implementation of this policy. As part of equality monitoring we will review and monitor the operation and impact of the policy on a regular basis and in accordance with the policy review date. As part of this monitoring and review this policy will be equality impact assessed.

Scope

This policy applies to employees, workers, agency workers, consultants, casual workers, contractors and volunteers, whether during working hours or otherwise.

Aims & Principles

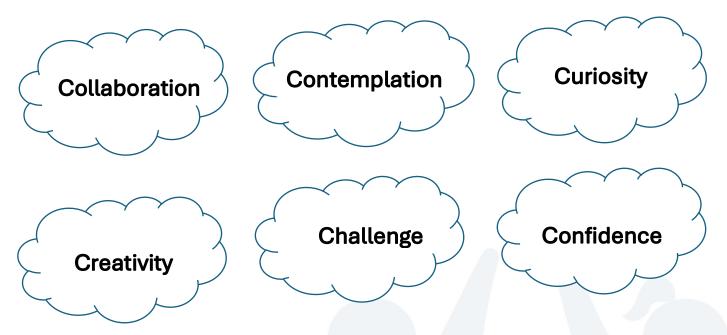The aim of this policy is to explain how our Computing curriculum is implemented at Hateley Heath Academy.

Curriculum Overview

Our Computing curriculum is bespoke to our children and the community around us. It is designed to be ambitious for all pupils and to prepare them for their next stages in life. A knowledge rich and progressive curriculum has been implemented to broaden children's experiences, their understanding of the world and to add depth to their knowledge and skills.

Through our curriculum, we will provide opportunities for the children to seek knowledge by asking questions. Our Learning Clouds support independence and responsibility for their own learning and encouraging the children to develop a growth mindset. They also develop positive dispositions and habits for lifelong learning.

Collaboration   **Contemplation**   **Curiosity**

Creativity   **Challenge**   **Confidence**

Our Computing curriculum has been designed around a series of principles that reflect our school values, British Values, pedagogical approaches and needs. We clarify our vision of the curriculum through a carefully sequenced and progressive journey that has key knowledge allowing the children to make connections with other subjects.

We teach Computing as a discreet subject with an aim of children having a deeper understanding of the subject discipline, whilst at the same time, we encourage the children to make connections where appropriate. We ensure that our curriculum provides the children with both substantive and the disciplinary knowledge that is needed for children to appreciate and understand our ever-growing technological society.

Curriculum Implementation

At our school, we value the importance of Computing education in preparing our children with the necessary skills and knowledge to thrive in a technology-driven world. Our Computing curriculum is designed to meet the requirements of the 2014 National Curriculum in England and is aligned with the expectations of Ofsted.

We aim to provide a high-quality Computing education that equips pupils to use computational thinking and creativity to understand and change the world. Also, to ensure that all pupils become digitally literate and are able to use, express themselves, and develop their ideas through information and communication technology.

Our Computing curriculum is structured to cover the three main aspects as outlined in the 2014 National Curriculum:

1. Computer Science
2. Information Technology
3. Digital Literacy

- **Computer Science:** Students will learn key concepts such as algorithms, programming, data representation, debugging, and logical reasoning through a variety of programming languages and platforms.
- **Information Technology:** Pupils will develop skills in using a range of software applications and technologies effectively and creatively, including coding, data manipulation, and multimedia presentations.
- **Digital Literacy:** Emphasis will be placed on online safety, responsible use of technology, understanding the impact of digital technology on society, and developing critical thinking skills when consuming digital content.

The school is equipped with state-of-the-art hardware and software to support the delivery of the Computing curriculum, including devices for coding, robotics, multimedia creation, and online research. Using a scheme that is authored by primary computing specialists using free readily-available software, we have a full scheme of work that has been adapted to meet the needs of our children ensuring they have the knowledge of computing skills they will need for their life after Hateley Heath. This is shown through a clear progression of skills and learning throughout EYFS, KS1 & KS2 We offer relevant cross-curricular opportunities to help engage pupils further with bespoke stories within each unit of work which follows Hateley's story led curriculum.

Internet Safety

Internet safety tools and filters are in place to ensure a safe online learning environment for all students, with regular updates and monitoring to address any emerging online safety concerns. Built and interwoven into the curriculum is content around ways to keep themselves safe on the internet. Internet safety is delivered to all year groups throughout the school. This includes teaching children how to use the internet safely, highlighting the dangers of posting and sharing online, encouraging kindness and respect when online, how to spot fake emails and spam, password protection, telling the difference between a fact, an opinion, and a belief. Overall, children are given the engaged in internet safety activities within their learning that will give them the knowledge of internet safety which they will need in their life throughout and after Hateley Heath.

Assessment

Regular formative and summative assessments will be conducted to measure children's progress and mastery of Computing concepts, with feedback provided to children to support their development. Assessment data will be used to inform teaching and intervention strategies, identify areas for improvement, and track the impact of the Computing curriculum on student learning outcomes.

Ofsted emphasises the importance of a comprehensive Computing curriculum that fosters creativity, critical thinking, and digital literacy skills among students. Schools are expected to demonstrate effective teaching and assessment practices, provide a safe online learning environment, and continually evaluate and enhance their Computing provision to meet the evolving needs of students and society.

By adhering to this detailed Computing policy, our school is committed to delivering an outstanding Computing education that exceeds the expectations set by Ofsted, nurturing the digital skills and capabilities of our students for the future.