GOSFORD HILL SCHOOL

# Computing Department

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# Our vision and aims (Intent):

- Digital Empowerment: We aim to provide an ambitious, broad, and balanced curriculum that equips all students with the essential knowledge and skills to thrive as confident, independent digital citizens.
- Inclusive Ambition: Our curriculum is ambitious and inclusive for all, ensuring that all students – regardless of background, SEND, or prior experience – can access and achieve success. We actively promote diversity by embedding examples of under-represented groups and female role models to inspire all learners.
- Core Pillars: We intend to build firm foundations across three core strands: *Computer Science*, *Digital Literacy*, and *Information Technology*, progressively developing the expertise needed for the modern world.
- Passion for Technology: We strive to inspire a lifelong passion for computing through excellence in teaching and a wide range of opportunities.

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# Our approach to teaching (Implementation):

- Coherent Sequencing: Learning is carefully planned and sequenced from KS3 through to KS5 to ensure students build on prior knowledge, allowing them to "know more and remember more."
- Expert Pedagogy: We adopt a "high support, high challenge" approach. Teachers use tactical seating plans and the Teaching & Learning cog to ensure every learner can make progress and experience success.
- High Expectations: We set high standards for engagement and practical work, supported by carefully planned home learning that focuses on knowledge retrieval.
- Beyond the Classroom: We extend learning through extra-curricular opportunities, such as coding and robotics clubs, where students apply theoretical concepts to real-world contexts.
- Subject Expertise: All staff are supported to maintain expert subject knowledge, ensuring that teaching is effective and responsive to the needs of all students.

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# How we measure success (Impact):

- Confident Citizens: Students demonstrate success by becoming digitally literate individuals who can safely and effectively apply computing knowledge in their daily lives and future careers.
- Measurable Outcomes: Impact is evidenced through improved academic outcomes and an increased uptake in Computing and iMedia at Key Stages 4 and 5.
- Resilience and Problem Solving: Our learners develop the resilience to become confident, successful learners who can learn from their mistakes and tackle complex logical challenges.
- Greater Representation: We measure success through increased participation from under-represented groups, ensuring a diverse range of students progress into the digital sector.
- Technical Proficiency: Students show their progress by being able to "do more and do it better," demonstrating a mastery of both theoretical concepts and practical programming skills.