

HAMSTEAD PRIMARY SUBJECT OVERVIEWS COMPUTING

OUR CORE DRIVERS:

HONESTY:

We are honest with ourselves and in everything we do! We take responsibility for our actions and recognise the impact of these on ourselves and others.

PERSEVERANCE:

We persevere in all that we do to overcome any challenges that we may face! We can take risks and have a 'can do' attitude to develop resilience to keep going even when things are difficult.

SUCCESS:

We aim high to succeed in all that we do! We believe in our abilities and strive to be the best we can be!



CURRICULUM AIMS:

To provide an ambitious curriculum that meets the needs of all pupils through the provision of a supportive and challenging environment.

To ensure our children leave HPS feeling prepared, self-motivated and independent so that they are ready for the next stage of their lives.

WHAT DOES THIS MEAN FOR COMPUTING?

Computing underpins the modern world and continues to evolve rapidly. At HPS, we aim to develop confident, responsible and independent digital learners who are prepared for the next stage of their education. Using our scheme, pupils build knowledge progressively and learn how digital systems work, how to design and debug programs, and how to use technology purposefully and creatively. By the time children leave HPS, they are digitally literate, reflective and capable learners who can apply their computing skills in the wider world.

HOW DO WE DELIVER THIS?

In computing, learning is sequenced to build on prior knowledge. Each unit develops one or more of the three strands: Computer Science, Information Technology and Digital literacy. Lessons include practical activities, problem-solving and opportunities for independent application. Online safety is explicitly taught and embedded throughout the curriculum. Key vocabulary is revisited to secure understanding. We promote honesty in digital behaviour, perseverance in problem-solving and success in developing confident, capable users of technology.