DIGITAL STRATEGY

OVERVIEW & FUTURE DEVELOPMENT

WHAT IS THE DIGITAL STRATEGY?

The digital strategy is an umbrella term for the technological innovations that we are making within our curriculum, pedagogy, working practices and infrastructure; it is an integral part of our vision to create a community of digitally literate learners who are real-world ready.

PURPOSE

The purpose of the digital strategy can be summarised in *the four Es*:

- **ENABLING** students to use the most effective and innovative technology to improve their learning experience and outcomes;

- **ELICITING** the skills and aptitudes students need to thrive in a rapidly-changing world and to maximise their employability and effectiveness;

- **EQUIPPING** teachers with the technology and expertise to enhance and innovate teaching and to deliver sector-leading pedagogy;

- **EMBEDDING** digital literacy within the 3-18 curriculum through the coordinated mapping and delivery of the skills and applications required across each age range and subject area.

KEY PERFORMANCE INDICATORS

- Quantitative and qualitative evaluation from key stakeholders: pupils, parents, teachers.
- Experience of learning
- Experience of teaching
- Upskilling and employability
- Internal assessment and progress data.
- Public examination outcomes and university destinations.
- Employability data and career development.

- Increased efficiency, productivity (engagement in lesson), improving outcomes (reporting grades, exam results), real-world ready (technical expertise).
- Reduction in administrative costs (eg photocopying, stationery).
- Environmental advantages, eg reduction in consumption of consumables.

DIGITAL STRATEGY TIMELINE

SEPTEMBER 2021

- Hereford Cathedral School launches the commitment to device-based teaching and learning.

- Programme of infrastructural development to deliver high-speed Wi-Fi across the entire site by July 2022 and a bandwidth of 1GB per second.

DECEMBER 2021

- The School publishes its bring-your-own-device approach for pupils from Year 6 upwards (excluding Years 11 and 13 for 2022-23) and with access to banks of devices from Reception to Year 5. Devices to run Windows 10 or higher and to include digital inking.

- Commitment to using Office 365 and in the Senior School, using Teams and OneNote as the principal programmes.

APRIL 2022

Teaching staff in Junior and Senior School provided with a Microsoft Surface Pro and docking station to replace desktops in classrooms.

SEPTEMBER 2022

- All students bring their own devices; work stored on OneNote and device-based approach integrated into teaching and learning. Feedback provided through Year and School Councils, Live Form for parents to complete, Digital Strategy Parents Advisory Group.

- Launch of HCS Diploma, which includes an Elective on introduction to coding and another Elective on cyber security.

- Introduction of Computer Science into Year 9 curriculum.

SEPTEMBER 2023

- All year groups from Year 6 upwards to have devices in the classroom.

- Further integration of digital skills into the curriculum, including the real-world application of digital skills.

- Ongoing digitisation and development of internal and external systems to facilitate clearer and more streamlined communication.

NEXT STEPS

Development of a Centre for Technological Innovation and Imagination; this will become a space for students to explore robotics, AI, VR, music technology, creative suite for film recording and editing.

ONGOING

- Development of curriculum to ensure that it equips all students with the skills and understanding that they need, for example, an awareness of cyber security, appropriate online behaviour, the functionality of key programmes, such as Office, coding languages, applications of technology into finding real-world solutions etc.

- Evaluation of the strengths of the strategy and what is working well; similarly, those areas where development is required and where changes can be made to improve the educational experience or outcomes.

- Evaluation of latest technology and its interface with education so that we can harness the most effective and innovative technologies to strengthen our teaching and learning and equip HCS students with the skills that they need.

- Evaluation of academic performance data to measure impact of strategy on teaching and learning.

HEREFORD CATHEDRAL SCHOOL

DIGITAL STRATEGY:
PUPIL REACTIONS

MORE THAN
2/3
OF PUPILS NOW
FIND LESSONS
more engaging

OVER
84%
SAY DIGITAL LEARNING
HAS HELPED THEM TO BE
more organised

96%
OF PUPILS

FEEL THEY NOW HAVE
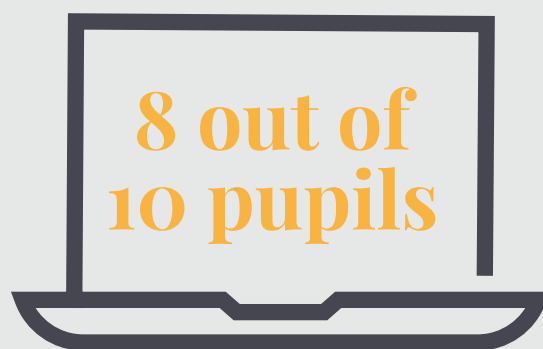ACCESS TO A *wider
range of resources*
IN CLASS

OVER
2/3
OF PUPILS
AGREE CLASS
TIME IS NOW USED
more efficiently

8 out of
10 pupils

HAVE SEEN
THEIR IT skills
IMPROVE

DATA GATHERED FROM A PUPIL SURVEY CONDUCTED IN DECEMBER 2022