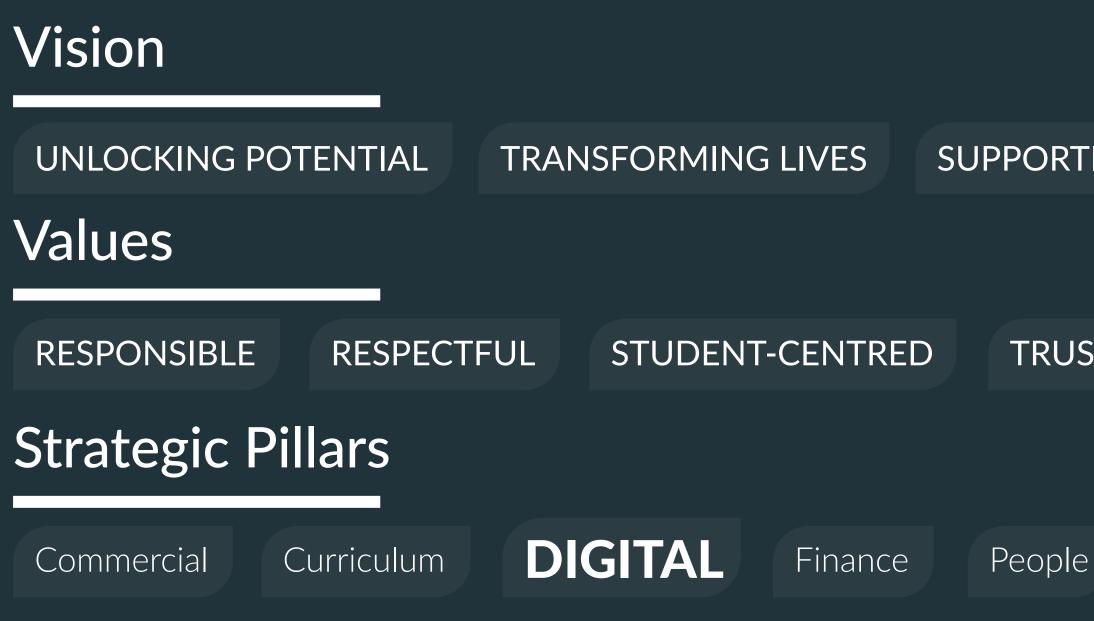
# **Edinburgh College** Digital Strategy 2023-2026

We will enhance our technological readiness and digital capabilities, so we can optimise technology-enabled learning, teaching, support and operations across our College - future proofing our curriculum, how we deliver learning, and how we reimagine current business processes.





SUPPORTING COMMUNITIES

WORKING TOGETHER TRUSTWORTHY



College

### DIGITAL AND DATA SKILLS FOR STAFF AND STUDENTS

#### Staff and student digital and data upskilling

Embedding data skills into contextual project-based learning for all full-time students. Upskilling staff, enabling effective teaching of digital and data skills. Creating data workers and professionals for an efficient and effective College.

#### Assistive technologies

Digital and data skills accessible to all through a continuous focus on digital support tools. Advanced specialist digital software available in and out of College.

# Superb learning and teaching technology platform

High quality staff and student usage of Moodle VLE. Shared best practice of new interactive learning and teaching applications across the College.

#### VR and immersive technology resources

Increased use and understanding of VR and AR equipment and laboratories to enhance learning and teaching.

#### Staff and student AI strategy

Guidance on suitable use of AI in a trustworthy, ethical and inclusive way.

### DATA DRIVEN INNOVATION FOR TRANFORMATIONAL SERVICES

#### Customer Relationship Management system (CRM)

An effective CRM system which allows business development and employer engagement to be shared and monitored.

#### Unified and simplified student central record

A single digital record of student information which captures unified support requirements and progress to improve retention and attainment.

#### Predictive learning analytics system

Online system to accurately predict learning outcome behaviour and support student progress and early intervention.

#### Simple and accessible business analytics tools

Simple, accessible, robust data visualisation systems to support critical business operations.

#### Continuous Improvement for digital accessibility

Implement continuous improvement models across digital platforms to support the digital journey.

# Human resources and finance systems development

Unified systems for payroll, recruitment and staff management, increasing automation and live data.

# Excellent digital communication for students and visitors

Support student and visitor user experience through a superb digital service incorporating chatbots and apps to support engagement.

### PROVIDING SUPERB TECHNOLOGY AND INFRASTRUCTURE

#### Speed and connectivity

Fast broadband speed and connectivity across campuses for an improved digital experience. Ensure no Wi-Fi dead spots and encourage students to bring their own devices, providing easy to access spaces.

#### Internet of Things (IOT) devices

Sustainable IOT investments to ensure energy consuming systems can be efficiently controlled through machine learning. IOT devices to support student training.

#### Investment and replacement

Move to more mobile and less desktop devices where appropriate. Investment in advanced technology for specialist curriculum areas.

#### Climate Change adaptation

Sustainability in the use of technology. 'Smart' technology to reduce power and waste. IT Upcycling Hub across campuses.

#### Data systems development

A thorough audit of data systems and integration platforms and transitioning primary file storage to the cloud.

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