

INFORMATION TECHNOLOGY

Edition 3
December
2022

In Computing we aim to provide an engaging, challenging, well sequenced curriculum which is broad and balanced, covering a range of computing and ICT topics. We aim to develop our students into 21st Century Digital Citizens who are able to use digital technology safely and responsibly, and to teach it works.

We aim to engender a love of learning, self-belief and aspiration through 4 key intentions:

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In Year 12 the following topics are covered:

Unit 1: Information Technology Systems

Students explore the relationships between the hardware and software that form an IT system, and the way that systems work individually and together, as well as the relationship between the user and the system. They will examine issues related to the use of IT systems and the impact that they have on organisations and individuals.

Unit 2: Creating Systems to Manage Information

Students will examine the structure of data and its origins, and how an @ c^a ... ő^a ő ... ž @ 4 c ... 3 o X X o Ě ž ...^a; - o² 4; ...^a o ... ő c ...^a @ Ě ... ő c ...² ž 3² X ... ő^a ő ő ž P ... They will examine a given scenario ő c ... Ě X o " ... ő c ...^a @ Ě ... ž @ 4 c ... solution to produce a database system. Students will then test their solution to ensure that it works correctly.

Unit 3: Using Social Media in Business

@^a 2 c^a ž ... Ě @ X X ... Đ " X o - ... @ - c^a ... ž o @ ő X ... media websites, the ways in which they can be used and the potential pitfalls when using them for business