Skills

Creative iMedia

Mastery in Year 11
- Advanced level of skills in the use of animation software
- Ability to apply knowledge in contextual questioning
- Understanding of the features of seven key documents used in media

Mastery in Year 10
- Advanced level of skills in the use of digital graphics and web design software
- Developed an understanding of how to plan effectively for a successful outcome
- Detailed understanding of the properties and purposes of digital

Mastery in Year 9
- Advanced programming knowledge using direct coding (Python)
- Developed understanding of computational thinking skills
- Advanced knowledge of a range of software (Graphics editing, audio etc.)

Mastery in Year 8
- Fundamentals of spreadsheet modelling
- Understanding of computer components
- Developed knowledge of programming (HTML)
- Fundamentals of computing principles (Encryption)

Mastery in Year 7
- Fundamentals of programming
- Basic understanding of Databases and how databases can be used
- Secure knowledge of online safety and how this can impact on behaviour

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Can you plan an animation and use your time effectively?

Can you demonstrate skills in animation software?

Can you critically test and evaluate your work and say how it could be improved?

PLANNING → PRODUCT CREATION → TESTING AND EVALUATING

Can you answer a range of longer answer questions in context?

Can you apply knowledge of seven key documents used in media?

Can you critically test and evaluate your work and say how it could be improved?

ANIMATION PROPERTIES AND TECHNIQUES → EXAM TECHNIQUES → SEVEN KEY DOCUMENTS → TESTING AND EVALUATING

Can you explain the key properties and techniques used in animation?

Are you able to **demonstrate skills in graphics editing and web design?**

Can you analyse existing products and explain your findings?

Can you plan ahead and use your time effectively?

ANALYSIS → PLANNING → PRODUCT CREATION → GATHERING FEEDBACK

Can you gather quality feedback from others?

Are you able to **combine your knowledge and skills of software** to produce high quality IT products?

Do you **understand how to edit and manipulate audio data?**

GRAPHIC PROPERTIES AND PURPOSES → INTEGRATED PROJECT → GRAPHICS EDITING → AUDIO EDITING

Can you explain the key properties and purposes of digital graphics?

Can you edit and manipulate graphics?

Are you able to **edit and program webpages** using HTML

Can you create basic motion paths using animation software?

Have you advanced your knowledge of algorithms?

HTML → ANIMATION → COMPUTATIONAL THINKING → ADV. PROGRAMMING

Can you program in Python?

Can you develop a professional website with clear house styles?

Do you understand **how encryption works?**

Do you **know a number of internal computer components?**

Can you apply knowledge of functions & formulas to creating a spreadsheet model?

WEB DEVELOPMENT → CRYPTOGRAPHY → COMPUTER HARDWARE → SPREADSHEETS

Can you develop data capture forms, and **input data effectively** into a database?

Can you apply the 3 basic programming constructs when programming?

DATABASES → COMPUTATIONAL THINKING → PROGRAMMING → SPREADSHEETS

What are the **3 basic programming constructs?**

Do you know the **basic formulas and operators?**

Are you able to **recognise 'cyberbullying'** and know how to prevent it?

Can you develop a suitable file & folder structure?

DATABASES → E-SAFETY → INTRODUCTION TO ICT @ SALESIAN

Do you know **what databases are used** for? Why they're needed?

Can you **identify sensitive data** that shouldn't be shared online?

Are you able to **format documents effectively** using a range of tools?