

Computing & Digital Media

Computers play a pivotal role in our society and in our everyday lives. Our curriculum at Cornwallis Academy aims to help students be equipped to use technology as they grow up, as well as future proofing them to be safe and confident users of computers in their future careers. We aim for students to develop their computational thinking, problem solving skills and creativity so that they develop the ability to understand and change the world through application of their knowledge and skills to real-world scenarios.

In Key Stage 3, students will study the 3 inter-related strands within the subject of computing (computer science, digital literacy and information technology) largely through project-based learning. Computing at Key Stage 4 teaches Creative iMedia, which leads into Key Stage 5 where students can choose to study Digital Media.

Year 11 Creative iMedia

Term One

Content of study (Title)	Visual Imaging
What are the aims and objectives of this term?	Students will start learning the new coursework unit about Visual Imaging and will look at features and conventions of photographic images and videos. • Content used in visual imaging portfolios • Equipment for capturing images and video • Pre-production and planning documentation and techniques for photoshoots and video recordings • Techniques and tools to take photographs • Techniques for processing photographic images
What previous knowledge is required?	Concepts about the media industry and software skills from Visual Identity and Digital Graphics in Year 10.
How will this term's content help with future learning?	The visual imaging work is the start of the new coursework unit and supports with the set assignment that is internally assessed and externally moderated in Year 11.
Resources	www.erevision.uk (students will be given usernames and passwords) https://boost-learning.com/ (students will be given usernames and passwords) Work will be put online through Teams on the Class Notebook to be fully accessible at all times. This includes relevant videos produced to support learning through Streams.
Links to the national curriculum/specification	The National Curriculum: • Develop their capability, creativity and knowledge in digital media and information technology. • Develop and apply their analytic, problem-solving and design skills. The specification for the OCR course for the Cambridge Nationals in Creative iMedia can be seen here: https://www.ocr.org.uk/Images/610942-specification-cambridge-nationals-creative-imedia-j834.pdf
Assessment	Students will be assessed to check their understanding of the knowledge learnt about visual imaging through an end of term assessment.

Term Two	
Content of study	Visual Imaging
What are the aims and objectives of this term?	Students will learn about: - Techniques and tools to record video footage - Techniques and tools for editing video footage - Techniques to save and publish/export portfolios of photographs and video sequences
What previous knowledge is required?	Visual imaging techniques from term 1
How will this term's content help with future learning?	The coursework unit knowledge and skills that is needed for the Set Assignment that is internally assessed and externally moderated in Year 11.
Resources	www.erevision.uk (students will be given usernames and passwords) https://boost-learning.com/ (students will be given usernames and passwords) Work will be put online through Teams on the Class Notebook to be fully accessible at all times. This includes relevant videos produced to support learning through Streams.
Links to the national curriculum/specification	The National Curriculum: - Develop their capability, creativity and knowledge in digital media and information technology. - Develop and apply their analytic, problem-solving and design skills. The specification for the OCR course for the Cambridge Nationals in Creative iMedia can be seen here: https://www.ocr.org.uk/Images/610942-specification-cambridge-nationals-creative-imedia-j834.pdf
Assessment	Y11 PPE
Term Three	
Content of study	Visual Imaging
What are the aims and objectives of this term?	Students will learn about: - Techniques used to check and review visual imaging portfolios - Improvements and further developments Students will then carry out their real set assignment work for the unit independently based on all the taught content for a final internal assessment and external moderation.
What previous knowledge is required?	Visual imaging techniques from term 1 and 2
How will this term's content help with future learning?	The coursework unit knowledge and skills that is needed for the Set Assignment that is internally assessed and externally moderated in Year 11.
Resources	www.erevision.uk (students will be given usernames and passwords) https://boost-learning.com/ (students will be given usernames and passwords)

	Work will be put online through Teams on the Class Notebook to be fully accessible at all times. This includes relevant videos produced to support learning through Streams.
Links to the national curriculum/specific ation	The National Curriculum: • Develop their capability, creativity and knowledge in digital media and information technology. • Develop and apply their analytic, problem-solving and design skills. The specification for the OCR course for the Cambridge Nationals in Creative iMedia can be seen here: https://www.ocr.org.uk/Images/610942-specification-cambridge-nationals-creative-imedia-j834.pdf
Assessments	Students will be assessed to check their understanding of the knowledge learnt about visual imaging through a mid term assessment.

Term Four

Content of study	Visual Imaging and Creative iMedia in the Media Industry skills
What are the aims and objectives of this term?	<u>Visual Imaging</u> Students will carry out their real set assignment work for the unit independently based on all the taught content for a final internal assessment and external moderation. <u>Creative iMedia in the media industry</u> • Distribution platforms and media to reach audiences • Properties and formats of media files
What previous knowledge is required?	Visual imaging techniques from term 1,2 and 3. Creative iMedia in the media industry knowldege from year 10.
How will this term's content help with future learning?	Completing Set Assignment ready for internal assessment and external moderation. Preparation for externally assessed exam in term 6.
Resources	www.erevision.uk (students will be given usernames and passwords) https://boost-learning.com/ (students will be given usernames and passwords) Work will be put online through Teams on the Class Notebook to be fully accessible at all times. This includes relevant videos produced to support learning through Streams.
Links to the national curriculum/specific ation	The National Curriculum: • Develop their capability, creativity and knowledge in digital media and information technology. • Develop and apply their analytic, problem-solving and design skills. The specification for the OCR course for the Cambridge Nationals in Creative iMedia can be seen here: https://www.ocr.org.uk/Images/610942-specification-cambridge-nationals-creative-imedia-j834.pdf
Assessments	Final internal assessment of the Visual Imaging work to be externally moderated in June.

Term Five

Content of study	Creative iMedia in the Media Industry skills
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What are the aims and objectives of this term?	To prepare for the end of course external exam about Creative iMedia in the Media Industry skills. Ensuring familiarity with knowledge and skills and supporting with a deeper understanding of how to answer exam questions. <u>Creative iMedia in the media industry</u> • Sources of research and types of research data • The legal issues that affect media • Job roles in the media industry
What previous knowledge is required?	All of the knowledge from years 10 and 11.
How will this term's content help with future learning?	Knowledge about Creative iMedia in the Media Industry skills will deepen ready to support with the written exam at the end of Year 11. If students choose to continue at KS5 with the Digital Media course then a lot of the concepts surrounding Creative iMedia in the Media Industry skills are essential to the underpinning knowledge and skills for this course too.
Resources	www.erevision.uk (students will be given usernames and passwords) https://boost-learning.com/ (students will be given usernames and passwords) Work will be put online through Teams on the Class Notebook to be fully accessible at all times. This includes relevant videos produced to support learning through Streams.
Links to the national curriculum/specific ation	The National Curriculum: • Develop their capability, creativity and knowledge in digital media and information technology. • Develop and apply their analytic, problem-solving and design skills. The specification for the OCR course for the Cambridge Nationals in Creative iMedia can be seen here: https://www.ocr.org.uk/Images/610942-specification-cambridge-nationals-creative-imedia-j834.pdf
Assessments	Students are assessed on past exam paper questions in order to support them for their external exam in term 6.

Term Six

Content of study	Creative iMedia in the Media Industry skills
What are the aims and objectives of this term?	To prepare for the end of course external exam about Creative iMedia in the Media Industry skills which will take place early on in this term. Ensuring familiarity with knowledge and skills and supporting with a deeper understanding of how to answer exam questions.
What previous knowledge is required?	All of the knowledge from years 10 and 11.
How will this term's content help with future learning?	Knowledge about Creative iMedia in the Media Industry skills will deepen ready to support with the written exam - this takes place early on in this term. If students choose to continue at KS5 with the Digital Media course then a lot of the concepts surrounding Creative iMedia in the Media Industry skills are essential to the underpinning knowledge and skills for this course too.
Resources	www.erevision.uk (students will be given usernames and passwords) https://boost-learning.com/ (students will be given usernames and passwords)

	Work will be put online through Teams on the Class Notebook to be fully accessible at all times. This includes relevant videos produced to support learning through Streams.
Links to the national curriculum/specific ation	The National Curriculum: • Develop their capability, creativity and knowledge in digital media and information technology. • Develop and apply their analytic, problem-solving and design skills. The specification for the OCR course for the Cambridge Nationals in Creative iMedia can be seen here: https://www.ocr.org.uk/Images/610942-specification-cambridge-nationals-creative-imedia-j834.pdf
Assessments	Students have their external exam early on in this term.