



OCR Level 2

National Certificate in Information Technology

Introduction

Serif's suite of innovative and intuitive graphics software, supported by their comprehensive education tutorials and schemes of work, can deliver the complete learning package for this unit. The following scheme of work, commissioned by Serif, covers all the learning outcomes, assessment objectives and knowledge, skills and understanding a student needs to prepare successfully for **Unit 03 Digital Imaging**.

The OCR Level 2 National Certificate in ICT (06276) is available for first teaching in September 2006 and replaces the existing qualification. It is the same size/level as 4 GCSEs (A* - C) or GNVQ Intermediate. The full list of units and some model assignments are available at:

[http://www.ocr.org.uk/units/OCRNationalsinICT\(forfirstteachingfromSeptember2006\)Level2_units.html](http://www.ocr.org.uk/units/OCRNationalsinICT(forfirstteachingfromSeptember2006)Level2_units.html)

OCR describes the key features of these GNVQ alternatives as:

- only one mandatory unit - *ICT skills for business*
- a comprehensive range of 23 optional units
- some units with 30 Guided Learning Hours for greater flexibility
- no strict entry deadlines - all units can be assessed at any time and in any order
- no external assessment (all qualifications are centre-assessed and externally moderated by an OCR Visiting Moderator)
- no set dates for moderation.

Unit 03 Digital Imaging - plan and produce computer graphics

Download the Tutor's Handbook and full specification from:

[http://www.ocr.org.uk/qualifications/OCRNationalsinICT\(forfirstteachingfromSeptember2006\)Level2.html](http://www.ocr.org.uk/qualifications/OCRNationalsinICT(forfirstteachingfromSeptember2006)Level2.html)

Learning outcomes

By completing this unit candidates will develop a thorough knowledge of computer graphics. Candidates will be able to:










- describe and evaluate a range of bitmap and vector images
- plan the production of graphic images for a client
- source and store components for graphic products
- record the sources of computer graphics and consider relevant legislation
- use appropriate software tools to create, edit and combine graphic images
- present work to a client for a specific purpose, using a suitable format for display.

It is anticipated that a candidate will require 60 guided learning hours to complete this unit.

Recommended software for Unit 03

- **Serif PhotoPlus** for bitmap images
- **Serif DrawPlus** for vector graphics
- **Serif WebPlus** for presenting and showcasing work

Key to symbols

	<p>Fact file Manageable chunks of information help students acquire the necessary knowledge and understanding for each assessment objective.</p>
	<p>Activity Each fact file is followed by a short practical activity that applies or tests students' understanding of it.</p>
	<p>How to ... Step-by-step guides help students acquire new skills.</p>
	<p>Assignment The scenario for the model assignment is used to set a series of contextualised tasks that test each assessment objective by means of linked mini briefs. However, Model Assignment Tasks are available on the OCR website for some units and you may prefer to follow these.</p>
	<p>Mini brief Each section of the scheme of work concludes with a small task related to the assignment scenario, which embeds and reinforces new skills in context. The briefs build sequentially into the complete guided model assignment.</p>
	<p>Review Students are encouraged to seek regular feedback about their work and to make modifications in response as well as to evaluate their own work. A scaffolded record sheet supports this process.</p>
	<p>Resources This is a summary of the help sheets, scaffolded worksheets, blank templates and other resources available to support teaching and learning in each section.</p>
	<p>Skills Each section concludes with a skills check to help students measure progress and identify areas for further development.</p>
	<p>The pushpin symbol indicates a scaffolded worksheet, a template, a tutorial or other type of printable support document.</p>

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