

ICT Multimedia Essentials Learning Objectives

ICT Domain 6: Multimedia Essentials
Learning Objectives
Sub-Domain 6.1
Demonstrate proficiency using presentation software.
6.1.1 Describe presentation software and the ways it can be used.
6.1.2 Create and/or modify a “slide master” or template to apply a consistent appearance to a presentation.
6.1.3 Add and format titles, subtitles and talking points in presentation slides.
6.1.4 Add slide numbers and/or date and time codes to presentation slides.
6.1.5 Insert and format images/graphics in presentation slides.
6.1.6 Insert new or duplicate slides in a presentation.
6.1.7 Modify slide transitions in a presentation to include animation.
6.1.8 Insert and/or modify sound settings and timing in a presentation.
6.1.9 Modify the sequence of slides in a presentation.
6.1.10 Produce a presentation that includes text, graphics and images, and present it.
6.1.11 Modify a presentation’s setup to repeat (i.e., loop) the presentation continuously.
Sub-Domain 6.2
Demonstrate proficiency using graphics software.
6.2.1 Describe graphics software and the ways it can be used.
6.2.2 Compare and contrast vector and bitmap images.
6.2.3 Identify image file formats for photos and graphical art (e.g., TIFF, BMP, EPS, JPEG, GIF, PNG), and specify which formats are supported on the Web.
6.2.4 Define terms related to the creation and display of graphical images (e.g., raster, vector, transparency, opacity, cropping, etc.).
6.2.5 Create images with effects using different tools, brushes, adjustments and filters available in graphics software.
6.2.6 Copy and paste graphical images.
6.2.7 Modify shapes and colors in a graphical image.
6.2.8 Save and export a digital photograph in a format that provides the best image quality and file size for Internet use.

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Learning Objectives

Subdomain 6.3

Demonstrate proficiency in communication using digital and multimedia technologies and tools.

6.3.1

Create a progressive slide presentation using graphical design/layout template features (e.g., SmartArt) and animated transitions.

6.3.2

Use a portable digital video device (e.g., mobile phone, Flip camera) or similar online tools to shoot video files, and transfer them to a computer.

6.3.3

Use video-editing software to produce a slide show or movie.

6.3.4

Create a multimedia presentation that incorporates edited video, animation, music and/or narration, and that applies principles of good design, smooth transitions and effective message delivery.