



Year 11

Pathway 2/3/4

Computing - Term 3

Learning Intention: Subject Area: Computing

Project Titles:

- Excel - Data Entry
- Introduction to Digital Photography

This unit provides students with the opportunity to further develop computer skills in using different software to give them a solid foundation to build future knowledge on.

Digital photography can engage students to become more involved and creative while learning names for the objects found around them. Students will gain a working knowledge of basic camera-handling techniques. Learn how to use a digital camera by practising, developing photographic skills, downloading selected images onto a computer hard drive and finalising their own images in preparation to display via a multimedia presentation created using appropriate software.

Key knowledge that should be learned during this SoW

All

Most

Some

Concept:

All students will: be shown how to use a digital camera for example, focusing, using the flash and taking landscape or portrait images. Shown how to transfer images taken on to a PC. Be

Most students may: take a substantial amount of images, experimenting with the zoom and focus settings.

Some students will have progressed further and will: become independent quickly; develop an understanding of a composition in a photograph and apply design and creativity to their MovieMaker work.

	shown how to use MovieMaker to produce a video displaying their images.		
Knowledge:	<ul style="list-style-type: none"> ● To learn how to use a digital camera with support ● To learn how to use the software 'MovieMaker' with support ● To develop visual and creative understanding with support 	<ul style="list-style-type: none"> ● To learn how to use a digital camera with some support ● To learn how to use the software 'MovieMaker' with some support ● To develop visual and creative understanding with some support 	<ul style="list-style-type: none"> ● To learn how to use a digital camera independently ● To learn how to use the software 'MovieMaker' independently ● To develop visual and creative understanding independently
Key Skills:	<ul style="list-style-type: none"> ● To practice taking a series of photographs with a digital camera with support ● To download selected images onto a computer hard drive with support ● To make a final selection of your photographs to be used with support 	<ul style="list-style-type: none"> ● To practice taking a series of photographs with a digital camera with some support ● To download selected images onto a computer hard drive with some support ● To make a final selection of your photographs to be used with some support 	<ul style="list-style-type: none"> ● To practice taking a series of photographs with a digital camera independently ● To download selected images onto a computer hard drive independently ● To make a final selection of your photographs to be used independently
Language and/or communication skills:	<ul style="list-style-type: none"> ● Digital ● Camera ● Photographs, pictures, images 	<ul style="list-style-type: none"> ● Focusing ● Flash ● Landscape ● Portrait ● File ● Save 	<ul style="list-style-type: none"> ● MovieMaker ● Credits ● Transitions, visual effects ● USB
Curricular Links	Links to other learning within the subject are:		

	<p>English- Using the internet to effectively research a topic area and record this information in own words.</p> <p>PSHCE- Knowing what to do if something they see online is inappropriate and having the confidence to report this to an adult.</p> <p>Graphic Design: Using animated effects and transitions in MovieMaker</p> <p>Mathematics: Working out the length of time images appear on screen for.</p>
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