

IT/Photography at Elemore Hall School

Intent

Information Technology is important in all curriculum areas across the whole school.

This document should be read in conjunction with the School's general Curriculum Policy Statement which outlines specific issues underpinning the curriculum approach at Elemore Hall School.

In Key stage 3 ICT has a key role in preparing pupils for the wider school: -

- Encouraging pupils to gain skills and knowledge in the use of ICT at school, to allow them to access and have the necessary skillsets to be successful in other subjects in school. Skills are taught using a wide range of IT related topics.
 - Programming
 - Computer Aided Design
 - Online Safety
 - Animation
 - Robotics
 - Image manipulation
 - Game Development
- Providing cross curricular opportunities for both pupils and staff in ICT.
- Providing experiences which enable a variety of skills to be developed at a relevant level to each pupil.
- to provide a learning resource to help raise literacy and numeracy targets.
- Helping to establish self-esteem through the development of confidence and pride in presentation when using ICT.
- Developing a pupils general knowledge as a member of society through the use of ICT tools such as the Internet.
- Have the necessary skills to support any ICT work needed for their GCSEs.



In Key Stage 4: -

- We offer meaningful accreditation in the form of GCSE Digital Photography. This course requires pupils to use computer technology to manipulate and present images.
- Pupils work in one or more areas of photography which could include: portraiture, landscape photography, still life photography, documentary photography, photojournalism, fashion photography, experimental image, multimedia, photographic installation, moving image (video, film, animation).
- Pupils will focus on the following skills and techniques: - appropriate use of the camera, awareness of intended audience, understanding of techniques related to the production of photographic images, Viewpoints, composition, aperture, depth of field, shutter speed and movement presentation and layout

- Pupils record their photography journey using an electronic portfolio.

Implementation

ICT/Digital Photography are timetables courses for all pupils.

The ICT programme is geared to focus on the acquisition of general skills that may be applied in a number of situations requiring the use of ICT.

Schemes of work for Key Stage 3 pupils follow topics relating to **ICT** (Computer History, Hardware, Animation, etc.). Each scheme allows pupils to use a wide range of applications which enhances or teaches pupils new skills that will be used throughout school. These schemes will be changed and adapted to suit the ability levels and needs of the pupils at Elemore and this is an ongoing process.

In Key Stage 4 pupils work towards completing a GCSE in Photography. **Photography** within Elemore Hall School allows pupils to learn the necessary skills, whilst building an electronic portfolio to gain a GCSE.

To do this each pupil will have an opportunity to: -

- Use the schools' grounds to take photographs
- Attend field trips
- Explore areas of interest which enthuse
- Show their photography journey using an electronic portfolio

Staff will complete on-going professional development to ensure standards are met.

Impact

IT is used in every subject in school. Pupils utilise the skills which have been taught throughout Key Stage 3 to access other subjects and their GCSEs in Key Stage 4. For example, Resistant Materials uses Google Sketch up and Food Technology using Microsoft Publisher.

Skills learnt in Digital Photography are useful in producing coursework for other subjects including Art, Food Technology, Music and Resistant Materials.



Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	Computer History	Robotics	Programming	Online Safety	GFX Design	Programming
8	How does the internet work?	Animation	Website Building	GDevelop (Breakout)	Digital Literacy (image editing)	Digital Devices
9	Digital Literacy (CAD)	Trends in Technology	Website Building HTML/CSS	GDevelop (Platform)	Digital Literacy (Photoshop skills)	Digital Literacy (Photoshop skills)
10	GCSE Photography Component 1					
11	GCSE Photography Component 1		GCSE Photography Component 2			

Accreditation

Component 1: Portfolio	Component 2: Externally set assignment
<p>What's assessed</p> <p>A portfolio that in total shows explicit coverage of the four assessment objectives. It must include a sustained project evidencing the journey from initial engagement to the realisation of intentions and a selection of further work undertaken during the student's course of study.</p>	<p>What's assessed</p> <p>Students respond to their chosen starting point from an externally set assignment paper relating to their subject title, evidencing coverage of all four assessment objectives.</p>
<p>How it's assessed</p> <p>No time limit</p> <p>96 marks</p> <p>60% of GCSE</p>	<p>How it's assessed</p> <p>Preparatory period followed by 10 hours of supervised time</p> <p>96 marks</p> <p>40% of GCSE</p>
<p>Non-examined element/Other requirements</p> <p>n-exam assessment (NEA) set and marked by the school/college and moderated by AQA during a visit. Moderation will normally take place in June.</p>	

Additional Support

All pupils have access to a Learning Support Assistant. Where appropriate pupils have intervention to ensure they don't fall behind. Pupils have one to one support available if required.

Links with evening activities

Robotics using LEGO kits, Raspberry Pi's and EduKits. Allowing pupils to develop programming skills in a more relaxed teaching environment.

Enrichment

ICT enriches all subjects allowing pupils to have the necessary skills to improve their work with the skills which they have been taught.

Trips to enhance pupils learning in the past have included

- Centre for Life

In photography pupils have the opportunity to visit:

- Local Landmarks (Penshaw, Tommy, Angel of the North)
- Yorkshire Sculpture Park
- Any other reasonable trip which will help with their coursework

