

ICT SECONDARY CURRICULUM MAP

CAREER PATHS

The world of technology is full of new innovations. It is an evolving and constantly changing environment. ICT is at the basis of many jobs in one form or another. Many jobs haven't been developed yet due to the ever changing face of technology

Working for yourself and running your own company

Increased literacy and numeracy skills

Safe use of the internet

Confidence when applying for jobs

SKILLS

INTEREST

A continued passion and love of learning about technology

Personal finance

- Using Video editing: Capcut/Canva. Bringing own experiences and sharing good practice
- Money Sense
- Money Fraud
- Identity theft
- Using a spreadsheet for personal finance

Level two NCFE

- Data handling
- Integrating software
- Designing an e-presentation

Using specialist software

- Creating a website using a design brief
- Creating a website of your own design using bespoke software

Upper vocational

Improving productivity

- SWOT analysis
- Keyboard short cuts
- Reflective practise
- ICT and the Law
- Copyright

E-Image creation

- Following a scenario
- Creating bespoke advertising
- Making amendments
- File type

Spreadsheets graphs an charts

- Following a Scenario
- Creating a spreadsheet
- Using a formulae to calculate sales
- Formatting
- Creating a comparison line graph

E presentation

- Following a scenario
- Creating a master slide
- Creating an informative presentation
- Printing handouts
- Printing an outline view
- Make directed changes

There are two practice papers per unit.

Portfolio assessment

Excel

- Load Excel
- Enter spreadsheet contents: insert text, numerical data, simple formulae
- Delete rows and columns
- Count If function
- Format tables

Power point

- Using a graphics package as an information tool
- Designing for a specific audience
- Applying design templates
- Timings
- Video editing canva

Social media and emails

- Development of social media
- Ai
- Making vlogs
- Sending and receiving emails
- Managing email folders

Code/programming

- Samples computer languages
- Block code Projects
- Alice
- Kodu
- Designing your own games
- AI learning

Lower Voc

E-communication

- Sending and receiving emails
- Safe texting
- Email etiquette
- Keeping others safe

Word Processing

- Following a scenario
- File management
- Editing a document
- Formatting a document
- Making corrections

Upper Trans

E-Safety

- Thinkuknow
- Sexting
- First to a million
- Long term consequences
- Digital tattoos
- The law, age restrictions

Computer Science

- How to use block code
- Studio code
- Minecraft adventure
- Star Wars
- Tynker
- Dagon dash/Dragon blast
- Hot Wheels
- Command

Computer Theory

- Computer languages
- Computer Sce theory
- History of computers(Boole, Logic, Von Neuman)

Power Point

- Creating a theme park slide show
- Using templates
- Audio
- Animation
- Timings

Excel

- Gansta zoo
- Creating a spreadsheet
- Calculating using formulae
- Conditional formatting
- Sum functions
- Averages

Start of NCFE a work based qualification

Lower trans

Computer theory

- Computer development
- AI for good or Not
- Animation

Computer Science

- Algorithms
- Computer language
- Basic block code
- Studio Code
- Tynker

E-safety

- Clare thought she knew, posting on line
- Tom thought he knew on line Game
- Secret princess, Know who you are talking to

Word processing

- Keyboard skills two hand typing
- Dance mat typing
- Creating a formal document
- Creating an informal document
- Formal text
- Informal text
- Word spacing
- Text Wrap
- Header/footer

Trans Nurture

Using sum function.

Excel

- Collecting data
- Introduction to functions
- Creating a simple bar graph
- Harry Plotter

E-Safety

- CEOPS
- How to stay safe on line
- Thinkuknow e-Safety wallet cards

Start each section with Word Cloud and front cover

Key words in Word Cloud

Anticipate A01
To expect something to happen based on the evidence in front of you

Hypothesise A02
To suggest an explanation based on limited evidence which needs further investigation

Evaluate A03
To assess the value of an idea by looking at its important feature

Revisit A04
going over information again to make sure you have understood it