

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

Personal finance

- ☐ Money Sense
- ☐ Money Fraud
- ☐ Identity theft
- ☐ Using a spreadsheet for personal finance

- Level two NCFE**
- ☐ Data handling
 - ☐ Integrating software
 - ☐ Designing an e-presentation

SKILLS

INTEREST

A continued passion and love of learning about technology

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 and 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.

Computer Science and emails

- ☐ Input, output, processor
- ☐ History
- ☐ Bits, Bytes, Nibbles
- ☐ Storage
- ☐ Cloud storage
- ☐ Sending and receiving emails
- ☐ Managing email folders

Code/programming

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

A01 A02 A03 A04

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

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

Using Word processing

- ☐ Choosing the correct template
- ☐ Margins and columns
- ☐ Formal letters
- ☐ Using word for effect

E-Safety

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

Upper Trans

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

INSERT ASSESSMENT TITLE WHERE NEEDED

Power point

- ☐ Creating a slide show
- ☐ Adding slides
- ☐ Backgrounds
- ☐ Images
- ☐ Animation

Computer theory

- ☐ Input, output, cpu, process
- ☐ Animation j2E

Computer Science

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

Uower trans

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

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

Trans Nurture

Start each section with Tagxedo and front cover

Key words in Tagxedo

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