Junior Jam

iSecure

Knowledge Organisers

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iSecure: rSecure EYFS

Course Evaluation Criteria

Reception: We would expect all children in reception to attain statements 1-5. If statements 6 or 7 are attained, those pupils are exceeding expectations.

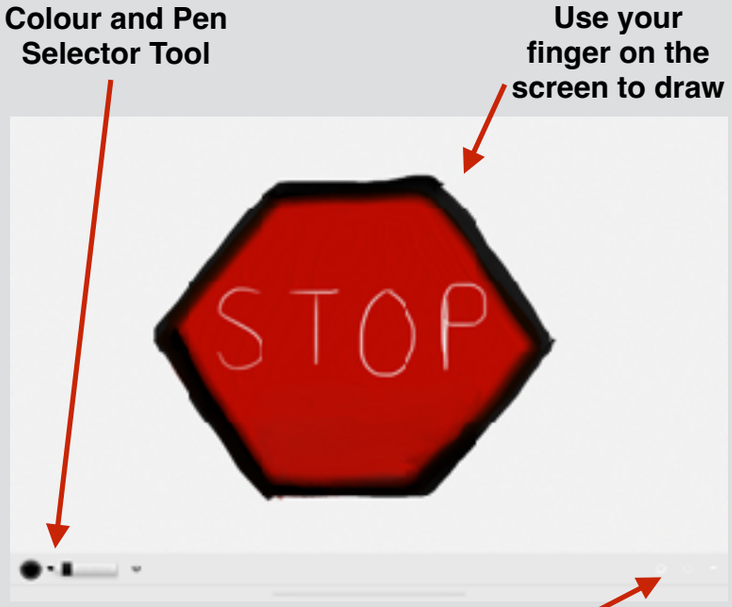
1) Pupils can demonstrate team-working skills while using the iPads.
2) Pupils know what the internet is.
3) Pupils know not to share their face, full name or address online.
4) Pupils can identify how something on screen makes them feel.
5) Pupils can create drawings on the iPad to reflect how they feel.
6) Pupils can identify different ways to share things they create on the iPads.
7) Pupils know what screen-time is.

Course Overview

Course overview: rSecure introduces Reception pupils to the foundations of e-safety and responsible technology use in a fun and age-appropriate way.
Through interactive stories, pupils explore how to use technology kindly, safely, and with confidence. They will learn to recognise when something on-screen makes them feel unsure, understand why it's important not to share personal information, and begin to make thoughtful choices about when and how to use technology. With a strong focus on teamwork, creativity, and digital awareness, rSecure empowers young learners to enjoy using iPads while developing healthy online habits that will support them as they grow in a digital world.

Learning Outcome for the course: In rSecure, pupils will learn how to stay safe when using technology and how to recognise when something doesn't feel right.
They will be able to identify personal information that should not be shared online and understand that people online are strangers. Pupils will know how to work together safely on iPads, create digital content, and make healthy choices about when and how to use technology. They will also develop the confidence to ask for help if something on a screen makes them feel unsure.

Art Set



Apps used

- ***Art Set***
- ***Flow Free***
- ***Toon Me Studios***
- ***Type Flash***
- ***Strip Design***

Vocabulary Bank

Online

Using the internet on a phone, tablet, or computer.

Internet

A place where we can find games, videos, and information using our devices.

Screen Time

The time we spend using a screen, like a tablet or TV.

Personal Info

Information that refers to an individual. E.g., name, address, photo.

Teamwork

Working kindly and helpfully with others to get something done.

Share

To show or give something you made to someone else.

Avatar

A computerised version of a character, sometimes used instead of a photo.

Digital Devices

E.g., iPad, Phone, Game console, PC. Can usually access the internet.

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iSecure: iSafe Lite Level 1

Course Evaluation Criteria

Y1: We would expect all children in Y1 to attain statements 1-5. If statements 6 or 7 are attained, those pupils are exceeding expectations.

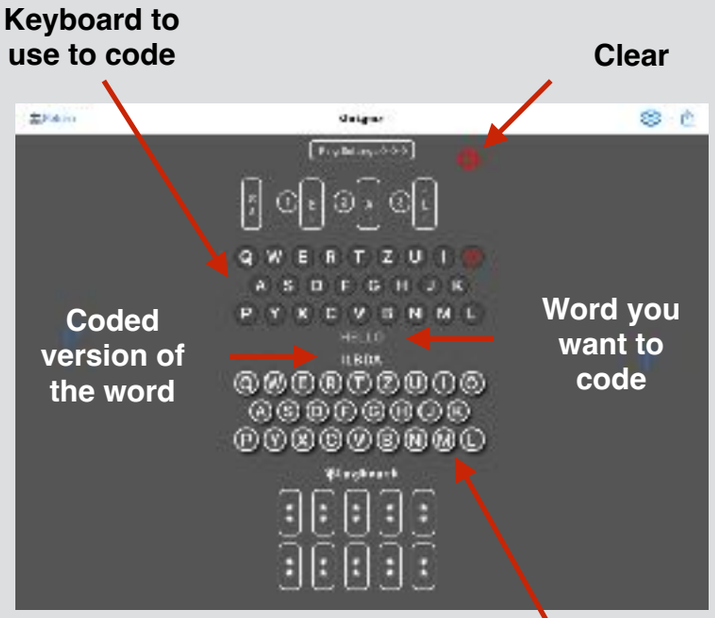
1) Pupils know what e-safety means.
2) Pupils know why we use passwords.
3) Pupils can name two pieces of personal information.
4) Pupils know what to do if they encounter a pop-up ad.
5) Pupils know what stop, block and record means.
6) Pupils can differentiate between bullying and cyber bullying.
7) Pupils understand why we shouldn't trust peoples avatars.

Course Overview

Course overview: Pupils will learn the fundamentals of the internet and digital device safety. They will be introduced to different real-life scenarios and develop different strategies to stay clear of, or to deal with potential situations that could arise when online. Pupils will be reminded each lesson about the correct procedures to follow and who they can talk to should they have any concerns regarding e-safety.

Learning Outcome for the course: Pupils will learn how to keep themselves safe while on digital devices. They will learn about trusting the internet, both with things they see and people they may encounter. They will be taught what is classed as personal information and why they should not share this with anyone else. Pupils will also critically learn who they can speak to regarding anything that is upsetting them.

Enigma Simulator



Apps used

- ***Enigma Simulator***
- ***XMind***
- ***Toon Me Studios***
- ***Logo Foundry***
- ***Strip Design***

Vocabulary Bank

e-Safety

Being safe while using electronic devices.

Cyber bully

Someone who bullies somebody using a digital device. E.g., texting.

Password

A word or series of letters used as a key to unlock information.

Personal Info

Information that refers to an individual. E.g., name, address, photo.

Trust

You believe that the information being given to you is the truth.

Pop-Ups

An advert or a window that will appear on a device's screen.

Gaming

Playing video games on a device, usually playing online with other players.

Private/Privacy

Settings on a device to hide your personal information.

Avatar

A computerised version of a character, sometimes used instead of a photo.

Digital Devices

E.g., iPad, Phone, Game console, PC. Can usually access the internet.

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iSecure: iConnect Lite Level 2

Course Evaluation Criteria

Y2: We would expect all children in Y2 to attain statements 1-5. If statements 6 or 7 are attained, those pupils are exceeding expectations.

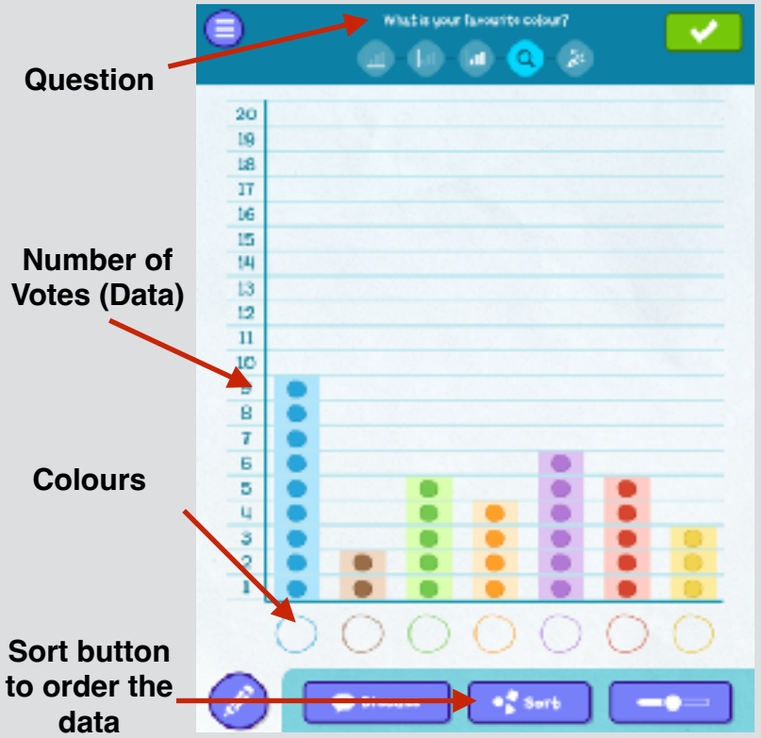
1) Pupils know that data is information.
2) Pupils can gather data from asking questions.
3) Pupils know what data they must not share online.
4) Pupils know what a digital footprint is.
5) Pupils know what encryption is in its basic form.
6) Pupils can connect data and clues together to make a guess on who a culprit might be.
7) Pupils know how unkind words online might make someone feel.

Course Overview

Course overview: iConnect introduces pupils to the concept of data while developing essential skills in digital literacy and e-safety. Through fun and engaging lessons, pupils will explore how data is collected, used, and shared, gaining the ability to interpret and manage information responsibly. The course encourages critical thinking about online interactions, helping pupils recognise how others connect with them digitally and make informed decisions about the information they share. By demonstrating what safe and responsible technology use looks like, iConnect equips pupils with the knowledge and confidence to navigate the digital world with awareness and care.

Learning Outcome for the course: Throughout iConnect, pupils will learn how to recognise both public and private data, and how to organise data using technology. Pupils will be able to use their skills to connect data to solve problems.

Data Toolbox



Apps Used

Strip Designer

Data Toolbox

Microsoft Word

Logo Foundry

Vocabulary Bank

Data

Data is information, like names, numbers, or colours.

Private Data

Private data is personal information that we should not share online, like our full name or address.

Public Data

Public data is information that is okay to share, like your favourite colour or a pet's name.

Internet

The internet is something we can use to find information or talk to people.

Search Engine

A search engine is a tool we use to help find things on the internet, like Google.

Digital Footprint

A digital footprint is the trail of information we leave behind when we go online.

Cyberbullying

Cyberbullying is when someone is unkind to others using the internet.

Encryption

Encryption is how computers scramble our data to keep it safe.

Password

A password is a secret key word we use to keep our information safe.

Report

To report means to tell a grown-up or click a button when something online makes us feel upset or unsafe.

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iSecure: iOffice Level 1

Course Evaluation Criteria

Y3: We would expect all children in Y3 to attain statements 1-6. If any of statements 7-10 are attained, those pupils are exceeding expectations.

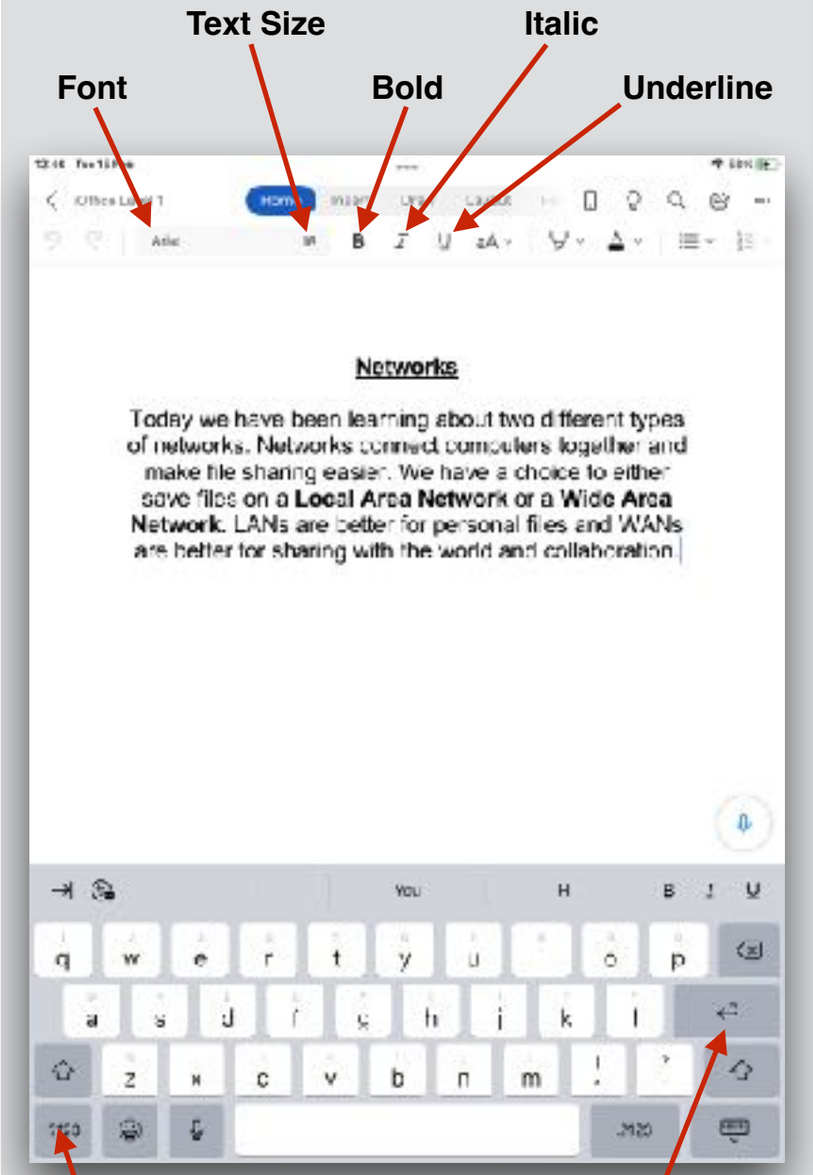
1. Pupils know that networks are made of WANs and LANs.
2. Pupils can define what cyber bullying is.
3. Pupils can explain the consequences of spending too much time online.
4. Pupils know why certain online games have age restrictions.
5. Pupils can explain ways to maintain a good digital reputation.
6. Pupils understand why they should not open emails on someone else's device.
7. Pupils can name different websites and social media sites and match the minimum age required to use them.
8. Pupils can define and create a brochure without the use of a template.
9. Pupils can give examples of when a negative digital reputation can affect real life.
10. Pupils can give examples of what WANs or LANs would be used for.

Course Overview

Course overview: Pupils will combine leaning how to stay safe while on a digital device with learning how to operate Office 365 programs. Our E-Safety module covers Cyber Bullying, Online Gaming, Trust, Digital Reputation, Location Permissions, Online Contact and Social Media. All of these topics are covered alongside learning how to use the basic functions within word and spreadsheet processors.

Learning objective for the course: During iSecure pupils will have two main points of focus. The first will be to learn about the different documents you can create in a word processor, and basic functions within the program. Within the module they will create a letter, an email and a brochure, learning about the different tone and content expected in each depending on the document type and the recipient/audience. The second main focus will be to learn about E-Safety. Pupils will learn about Networks, Cyber Bullying and Online Gaming, along with many more to ensure they have the tools to be safe online and know how to act should they be faced with any number of situations.

Microsoft Word



We can view more characters and symbols if we tap here.

To start a new line, we tap the "Return" key.

Vocabulary Bank

Recipient

The person that an email is sent to.

Format

The way something is arranged or set-out.

WAN

Wide Area Network (e.g., the internet).

LAN

Local Area Network (e.g., a school IT room).

Network

Two or more computers linked together.

Cyber Bullying

A form of bullying done over technology or the internet.

Online Gaming

Using the internet to play video games with other people around the world.

Template

A document already formatted with no information in it.

Content

Information presented in different ways (e.g., text, pictures, videos, etc.).

Tone

The emotion and attitude of a piece of content.

Font

The way text is styled and designed.

Brochure

A small magazine with pictures and information about something.

Apps Used

Microsoft Word

Mail

Logo Foundry

Keynote

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iSecure: iSocial Level 2

Course Evaluation Criteria

Y4: We would expect all children in Y4 to attain statements 1-6. If any of statements 7-10 are attained, those pupils are exceeding expectations.

1. Pupils can explain how font style and bold changes text
2. Pupils know why you would use strikethrough and highlight on text
3. Pupils know what a target market is
4. Pupils can explain why pitching is important
5. Pupils understand what a focus group is and what it's used for
6. Pupils understand how to edit photos when inserting them into a document
7. Pupils can give examples in which a presentation is more suitable than a document
8. Pupils understand the difference between what makes a good and bad pitch
9. Pupils can give examples of industries where focus groups are essential
10. Pupils can explain the function justify on a word processing document

Course Overview

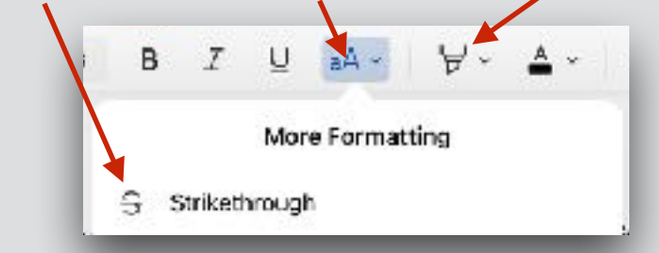
Course overview: Pupils will be presented with a hypothetical scenario where all social media platforms have been removed from the internet. They will then be tasked with designing and creating their own social media platform to fill the gap in the market. Throughout the half term, pupils will use more advanced functions in word processors to plan their ideas before finally collating them into a Keynote ready to be presented to their peers.

Learning objective for the course: The main purpose of iSocial is to build on the word processing skills learnt within Level 1 to enable pupils to use the program to its full potential. Pupils will learn how to use more advanced functions like ~~Strikethrough~~ and Highlight. More advanced pupils/classes will be taught how to track changes and how this is a useful tool for collaboration. At the end of the course pupils will learn how to present their work, creating a Keynote presentation collating all the work they have done throughout the half term.

Keynote



Microsoft Word



Vocabulary Bank

Word Processing
Using a computer to create and edit .

Edit
Making changes to a document.

Highlight
Marking bits of text by giving it a coloured background.

Strikethrough
Putting a line through the middle of the text.

Centre
Putting text in the centre of a document.

Align Left
Putting text against the left side of the document.

Align Right
Putting text against the right side of the document.

Target Market
The type of people you aim to sell your product to.

Audience
The people giving attention to something.

Pitch
A type of presentation where you are trying to persuade someone.

Presentation
Talking about and giving information on a certain subject.

Justify
To prove that something is correct or right.

Apps used

Microsoft Word

Logo Foundry

Keynote

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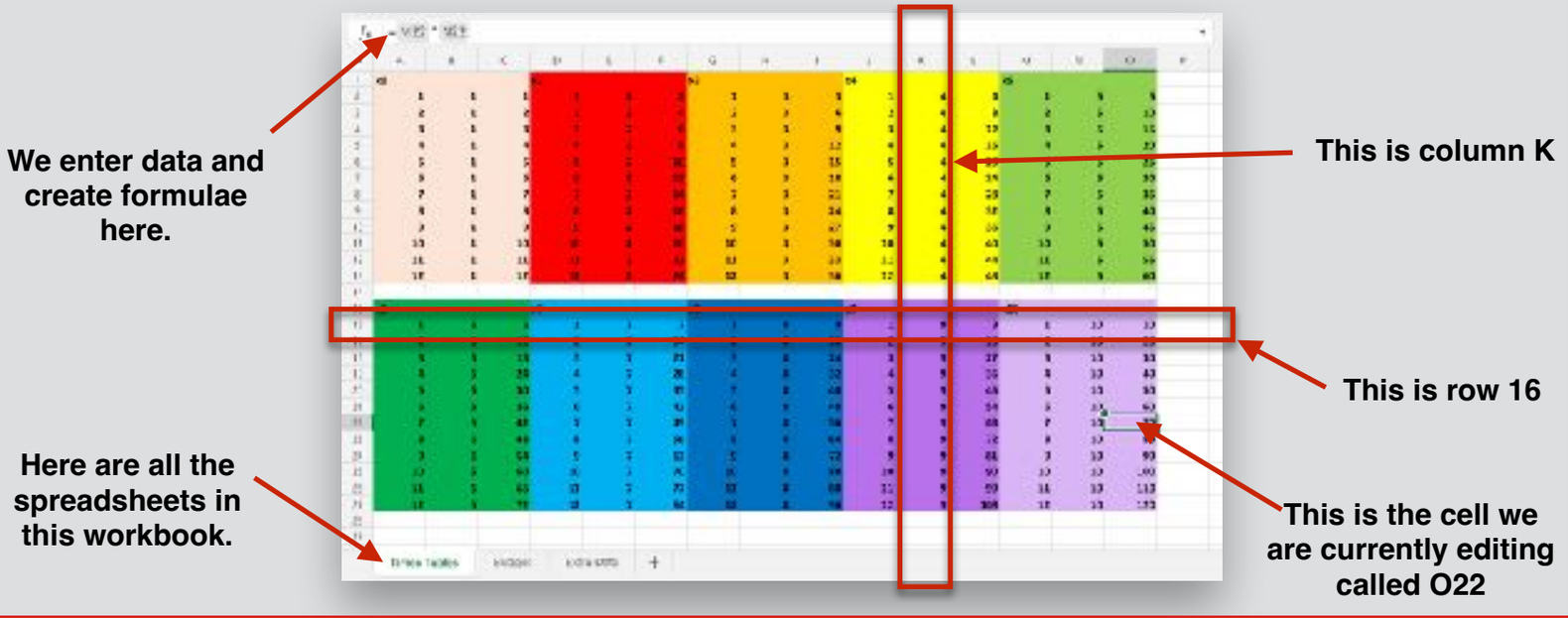
iSecure: iExcel Level 3

Course Evaluation Criteria

Y5: We would expect all children in Y5 to attain statements 1-6. If any of statements 7-10 are attained, those pupils are exceeding expectations.

1. Pupils know what a cell is on a spreadsheet.
2. Pupils can use formulae to solve simple maths equations.
3. Pupils can create a chart and a graph.
4. Pupils can use the filter tool in a spreadsheet.
5. Pupils are able to group and organise data.
6. Pupils know the alternative symbols for multiplication and division and use them in simple formulae.
7. Pupils are able to add a total column.
8. Pupils can use formulae to calculate the cost of a movie.
9. Pupils can use the auto-sum tool with the fill tool to quickly complete maths equations.
10. Pupils can create multiplication tables.

Microsoft Excel



Course Overview

Course overview: iExcel is a spreadsheet-based course. Pupils will begin with a recap of basic spreadsheet knowledge gained in Level 1 before moving on to more advanced functions within the app. Their task is to act as movie producers and decide on a style of animated movie to put into production. Working in pairs, pupils will start by inputting and analysing data allowing them to make important production decisions. The class will develop their spreadsheet skills and learn how to successfully use a variety of advanced functions within a spreadsheet.

Learning objective for the course: After a very brief introduction to spreadsheets in Level 1 pupils will now learn how to create formulae and find totals. Pupils will learn how to create charts using both existing data and data they have inputted themselves. They will be taught how filter buttons can aid them in looking through spreadsheets, and how to use data to budget. Pupils will be expected to be using terminology to suit the program such as workbook and spreadsheet. At the end of the course pupils will compile their data into a Keynote presentation and present the movie they wish to make.

Vocabulary Bank

Workbook

A file that contains one or more spreadsheets.

Spreadsheet

A file made up of rows and columns that can arrange and sort information.

Cells

Individual boxes found in a spreadsheet grid.

Rows

A group of cells going horizontally along a spreadsheet.

Formulae

Working out simple equations using multiple cells in a spreadsheet.

Total

The sum of multiple cells.

Column

A group of cells going vertically through a spreadsheet.

Data

Information, facts and statistics.

Inputting

The act of putting data into a spreadsheet.

Filter

Showing data based on what they include, exclude or in certain order.

Budget

An estimated amount a project will cost.

Data Entry/ Extraction

The process of inputting or retrieving data.

Apps Used

Microsoft Excel

Keynote

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iSecure: iCV Level 4

Course Evaluation Criteria

Y6: We would expect all children in Y6 to attain statements 1-6. If any of statements 7-10 are attained, those pupils are exceeding expectations.

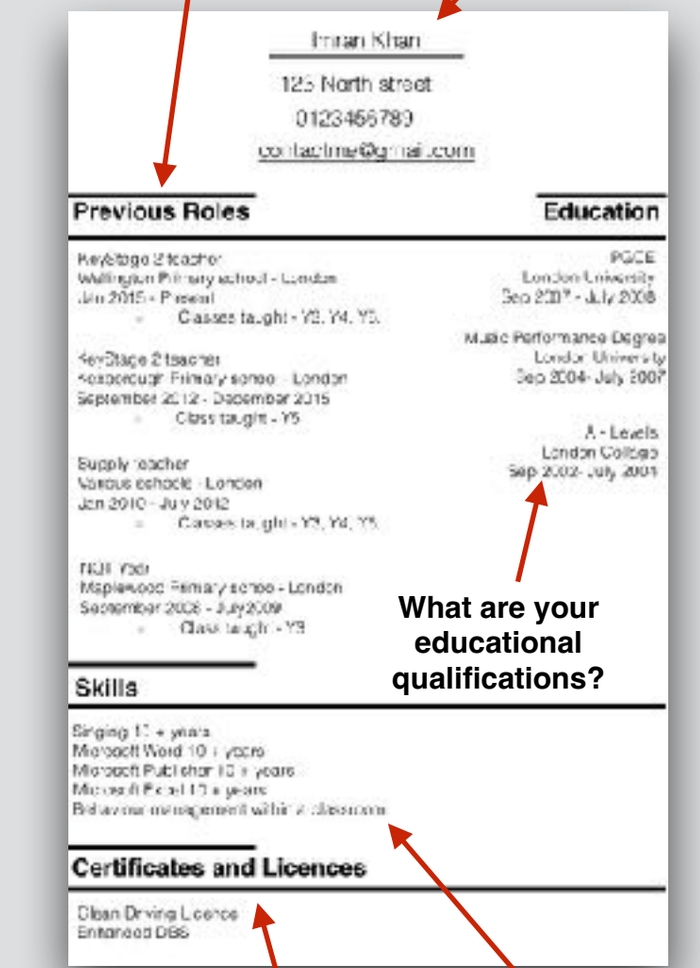
1. Pupils can define the word extrapolation.
2. Pupils know what a data bank is and why they are useful.
3. Pupils know what CV stands for and why it is used.
4. Pupils understand why the information in a CV has to be true.
5. Pupils can explain what a job advert is and what is included in it.
6. Pupils can create their own CV whilst following a template.
7. Pupils can add a header and footer to their CV.
8. Pupils can back up decisions based on data within the data bank.
9. Pupils can edit their CV to suit their specific style.
10. Pupils can list the consequences someone might face if the contents of their CV are false.

Course Overview

Course overview: Your local council has advertised for a new Superhero to combat local crime. Pupils must use all the skills they have learnt during Levels 1, 2 and 3 on Keynote and the word and spreadsheet processors, to design and present their hero. Pupils will learn how to create and correctly format a CV, how to add hyperlinks into a word processing document and extrapolate data from a spreadsheet in order to design a successful candidate CV.

Learning objective for the course: Pupils will learn valuable skills to use throughout their academic and professional career during iCV. Pupils will be taught what a job advert looks like and how to pick out salient points that a candidate will need for the role. They will also learn how to construct a CV. This course is spilt across Word and Excel. Pupils will be expected to use knowledge from Levels 1-3 to complete the tasks. Analysing data will be a large part of their course as they will have to gain insight from data banks to construct the perfect candidate CV.

Curriculum Vitae



Vocabulary Bank

CV

A document that shows someone's qualifications, work experience and education.

Employer

A person or company that employs people to do a job.

Extrapolate

To extend information about something.

Presentation

Talking about and giving information on a certain subject.

Build Order

The order that parts of a presentation appear and are animated.

Candidate

Somebody that has applied for a job.

Hyperlink

Text in a document that when clicked opens something else.

Employee

Somebody that has been hired by an employer to do a job.

Data

Information, facts and statistics.

Data Bank

Where lots of data is and is assessed electronically.

Apps Used

Microsoft Word

Keynote

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