

Computing Unlocked Teacher's Skills Audit

The Computing Unlocked Teacher's Skills Audit provides a comprehensive matrix of the skills needed to deliver the Computing Unlocked ICT & Computing scheme of work at Key stages 1 (Foundation Phase) and 2.

The skills are mapped to each of the individual strands and to the expected outcomes from within each module.

Schools can use the audit to collate the strengths and weaknesses of their current staff in relation to their ICT skills, thereby identifying subsequent training/CPD needs. It can also be used as part of an induction for any NQT's or newly appointed teachers.

TEACHER'S NAME:

DATE COMPLETED:

Computing Unlocked Teacher's Skills Audit – Multimedia

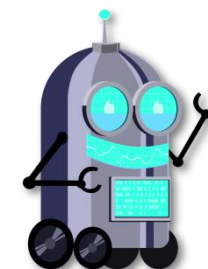


I can/do	Agree	Disagree	Need more help
Use a display screen in an interactive way			
Demonstrate how to take a good quality picture with a camera/tablet device			
Save work appropriately			
Upload images			
Create a poster using appropriate apps or software			
Use animation apps/software effectively			
Know how to use images, sound and video to enhance presentations in multiple formats			
Know how to use video editing software effectively			
Use sound editing software to edit files and create compositions			
Use special effects software effectively			
Use augmented reality software effectively			
Use a paint tool app to create a picture			
Create an e-book using an appropriate app			



Computing Unlocked Teacher's Skills Audit – Data Handling

I can/do	Agree	Disagree	Need more help
Use presentation software to sort and sequence images			
Use pictogram software effectively			
Use software to graphically represent data			
Create a spreadsheet by entering data into cells			
Format spreadsheets			
Enter formulas into cells and apply them to selected ranges of cells			
Interrogate a spreadsheet using advanced formulae			
Use presentation software to present findings			
Create a database by entering data into fields and records			
Sort data into ascending/descending order			
Interrogate a database to find information			



Computing Unlocked Teacher's Skills Audit - Programming

I can/do	Agree	Disagree	Need more help
Use Bee-bots and/or other hardware to demonstrate the relationship between inputs and outputs			
Explain the term algorithm			
Understand the term 'debugging' and be able to debug a simple programme			
Understand the importance of writing precise instructions when programming			
Understand the concept of Block Coding and create a simple algorithm using Block Code			
Create a 3-dimensional gaming environment using appropriate software			
Create animations in a programming context			
Use Scratch software to demonstrate how to: Create variables, conditional statements and loops			
Develop game design, presentation, problem solving and debugging skills			
Create a webpage with appropriate markup			
Use CSS to change the layout of a webpage			
Understand the syntactic differences between HTML and CSS			
Identify and use openly licenced images			

Computing Unlocked Teacher's Skills Audit – Digital Literacy



I can/do	Agree	Disagree	Need more help
Search online safely			
Understand the dangers of sharing information on-line			
Demonstrate awareness of creative credit and copyright legislation, and plagiarism issues			
Understand and explain the concept of a digital footprint			
Understand and explain the concept of Cyber bullying and identify strategies for dealing with incidents			
Explain the importance of following rules when on-line (password protocols, responsibility and respect)			
Identify strategies for dealing with unsolicited emails ("spam")			
Demonstrate awareness of the use of digitally altered images in an online environment			
Demonstrate awareness of how gender stereotyping is used by online media			



Computing Unlocked Teacher's Skills Audit – Our Digital World

I can/do	Agree	Disagree	Need more help
Identify different types of technology used in school			
Demonstrate basic navigation skills using different hardware platforms			
Use video conferencing to communicate across distances in a teaching and learning context			
Save and retrieve items from a folder on a PC/Laptop and/or tablet			
Demonstrate the effective use of search engine technology			
Demonstrate the effective use of camera skills for recording videos			
Use cloud based services effectively (VLE's, wiki's, on-line surveys, blogs, vlogs and other cloud based apps, etc.)			
Use online mind mapping software			
Use email effectively			
Be aware of copyright legislation in relation to on-line materials			
Identify the component parts of a computer			
Understand how 'networks' operate			
Understand what Binary code is			

