

WJEC / EDUQAS COMPUTER SCIENCE ON-SCREEN ASSESSMENTS

This document covers:

- **WJEC GCSE Computer Science Unit 2 (3500U20-1) / 3500N20-1**
- **Eduqas GCSE Computer Science Component 2 (C500U20-1)**
- **WJEC GCE Computer Science Unit 2 (2500U20-1) / 2500N20-1**
- **Eduqas GCE AS Computer Science Component 2 (B500U20-1)**

Contents

Requirements for candidates	2
Each Candidate will Need:.....	2
WJEC GCSE Computer Science Unit 2:	2
Eduqas GCSE Computer Science Component 2:	2
WJEC GCE Computer Science Unit 2 and Eduqas GCE AS Computer Science Component 2:	2
Exams Officers.....	3
Encrypted media files	3
Setting up the Examination Room	3
Persons permitted to be present in the Examination Room	3
The Examination Room and its Layout	3
After the Examination has Ended	3
Uploading Each Candidate's Work	3
Retaining a Copy of Each Candidate's Work	3
Before the Examination:	3
During the examination:.....	4
After the examination:.....	4

REQUIREMENTS FOR CANDIDATES

EACH CANDIDATE WILL NEED:

- A dedicated examination account for this exam – which should be inactive until the examination starts.
- 7-Zip pre-installed on each PC
 - This is free to download from <https://www.7-zip.org>
 - Alternatives for Apple users are available here <https://www.cisdem.com/resource/7-zip-alternatives-for-mac-to-open-7z-files.html>
 - **WJEC is unable to support centres that do not use the 7-zip program.** Centres using a solution for Apple computers are strongly advised to test their systems comprehensively prior to the examination.
- Access to a word-processing package (e.g. Microsoft Word) to produce their candidate responses.
 - It is recommended that the technician sets up 'autosave' on each computer. This way, if there is a complication or technical issue, the candidate's work is not lost.
- The encrypted media files pre-installed on each PC.
- An 'empty' user area or storage device on which to save the work.
NB: Without compromising the functioning of the workstation, candidates must not have access to the Internet, any shared drives, Virtual Learning Environments (VLEs) or email during the examination.

Additionally:

WJEC GCSE Computer Science Unit 2:

- A pre-installed functional copy of **Greenfoot (version 2.4.2 only)**
 - This is free to download from https://www.greenfoot.org/download_old
 - Centres should scroll down and select the 2.4.2 package which is valid for their environment.
 - WJEC is unable to accept candidate material from centres that do not use the correct version of Greenfoot.

Eduqas GCSE Computer Science Component 2:

- A pre-installed functional copy of **Python version 3** matching the version given in the brief.

WJEC GCE Computer Science Unit 2 and Eduqas GCE AS Computer Science Component 2:

- A pre-installed functional copy of the centre's preferred IDE - **either Java, Visual Basic or Python.**

EXAMS OFFICERS

ENCRYPTED MEDIA FILES

- Encrypted media files will be available on the Surpass system **2 weeks prior to the examination**.
 - An administrative keycode will also be available on the Surpass system. This will enable centres to download the encrypted files and distribute them to each candidate's examination account.
 - The files will need to be downloaded and distributed to candidates' examination accounts before the examination.
- Further details are available in the '**Guidance on Surpass for Examinations Officers**' document on the public website under the '**Key documents**' and '**On Screen Assessment**' Sub-heading:
 - WJEC GCSE: [LINK](#) Welsh version: [LINK](#)
 - WJEC A-Level: [LINK](#) Welsh version: [LINK](#)
 - Eduqas GCSE: [LINK](#)
 - Eduqas AS/A-Level: [LINK](#)
- As the examination is reliant upon candidates accessing and using the media files WJEC will be contacting those centres who have not downloaded the encrypted files.
- Candidate keycodes, which will need to be used to upload each candidate's examination work after the examination has ended, will be available for exams officers to download via Surpass.

SETTING UP THE EXAMINATION ROOM

- The setting up of the examination room may take up to an hour or more depending on the number of candidates involved.
- A computer science teacher/ technician may be involved in the setting up of the examination room.

PERSONS PERMITTED TO BE PRESENT IN THE EXAMINATION ROOM

- In addition to the invigilator(s), a technician* or other suitably qualified person may be in attendance throughout the examination to help with issues related to the functioning of equipment. This person is not an invigilator and must not count as one when determining the number of invigilators required to conduct the examination.

*The computer science teacher may undertake this role.

THE EXAMINATION ROOM AND ITS LAYOUT

- The exam must be carried out under formal supervision, i.e. the candidates must be in direct sight of the invigilator at all times.
- The **password** required for the unzipping of the files is **printed on the front of the question paper**.
- Copies of instructions for the decryption of zip files should also be available for pupils.
- Use of resources is tightly prescribed and interaction with other candidates and the Internet or any other digital resource is forbidden.
- The JCQ "Instructions for conducting examinations" must be adhered to.

AFTER THE EXAMINATION HAS ENDED

- Candidates will be required to zip [all files](#) contained in each examination folder into one file per candidate using the 7-Zip program. **Candidates can be supported in this process.**

UPLOADING EACH CANDIDATE'S WORK

- Centres will be required to upload each candidate's file using the candidate keycodes (one for each candidate) available via the Surpass system. **All work must be uploaded within 3 days of the examination.**

RETAINING A COPY OF EACH CANDIDATE'S WORK

- Each centre must keep an electronic copy of each candidate's work in a secure location in case of loss or damage to the original submission.

BEFORE THE EXAMINATION:

- Ensure that all candidates have logged on to their workstations and have access to the examination paper.
- Once all candidates have logged on, they should decrypt their media files.
- Once all candidates have decrypted their media files the examination can start.
- Start the examination: Please note that invigilators are responsible for the timekeeping of the examination. The start time and the end time of the examination should be displayed in the normal way.

DURING THE EXAMINATION:

- Candidates should work on their answers to the questions for the duration of the examination. The invigilator must inform the candidates of the end time of the examination, in the usual way.
- Invigilators must remind candidates to save their work at regular intervals.

AFTER THE EXAMINATION:

- Candidates must zip all files contained in each examination folder into one file per candidate using the 7-Zip program. Candidates can be supported in this process.
 - Failure to include all work could have an adverse impact on a candidate's grade.
- Centres must upload the zipped files to Surpass. All work must be uploaded **within 3 days of the examination**.
- If problems are encountered when uploading the candidates' completed work then advice can be sought by contacting either:
 - GCSE 02920 265154
 - GCE 02920 265336.
- Centres must keep an electronic copy of each candidate's work in a secure location in case of loss or damage to the original submission.