Subject: Computer Science　　　　**Qualification:** GCSE Computer Science

What assessments are we using?
WJEC has made available to centres a series of GCSE past papers, which have been adapted to reflect changes to the specification for summer 2021. The department has identified which of these papers will be utilised within the assessment materials. The assessment materials used have been selected based on coverage of the specification by the department, so as to allow learners the best opportunity to demonstrate their ability in the subject. The department will ensure that learners have the opportunity to showcase their capacities in the widest range of skills across all learning objectives. Teachers will ensure that the assessment tasks are incorporated appropriately into their teaching and learning programme.

Evidence to be used to inform CDG judgements:
1. WJEC Adapted Past Papers

Unit to be assessed:	Assessment details:	Dates of assessment:
Unit 2 – Software Development (WJEC Adapted Past Paper)	Adapted Paper	**11A** 15/04/21 – Paper 2 (Part A) 23/04/21 – Paper 2 (Part B) 23/04/21 – Paper 2 (Part C) Control 3 **11B** 05/04/21 – Paper 2 (Part A) 23/04/21 – Paper 2 (Part B) 27/04/21 - Paper 2 (Part C) Control 3
Unit 1 – Understanding Computer Science (WJEC Adapted Past Paper)	Adapted Paper	**11A and 11B** 05/05/21 – Paper 1 (Part A) 19/05/21 – Paper 1 (Part B) Control 3

2. NEA – N/A

3. Other contributing evidence.

Additional assessment tasks have been completed in Computer Science that has contributed to the ongoing tracking of pupils throughout Year 10 and 11. All past assessments cover a range of objectives across the GCSE specification and will therefore provide a more holistic approach when deciding on the teacher assessed grade alongside the adapted papers.

Levels of control:
1   In class/open book/ teacher support provided
2   In class / open book
3   In class/no book/ test conditions
4   Exam conditions and venue.

GCSE Grade Descriptors

The WJEC-set grade descriptors are provided to give a general indication of the standards of achievement likely to have been shown by learners awarded grades. The descriptors must be interpreted in relation to the content set out in the GCSE specification (as adapted for 2021).

The most appropriate grade to award will depend in practice upon the extent to which the learner has met the assessment objectives overall. Shortcomings in some aspects of the evidence may be balanced by better performances in others.

The WJEC-set grade descriptors for Computer Science can be found here.

Further T&L required / support for learners

Pupils have continually been taught all areas within the Computer Science specification. There will be opportunities over the next few weeks to focus on specific topics, in line with the adapted past papers selected. Pupils will be fully aware of the schedule for assessment tasks which will ensure all pupils are prepared. Pupils will not be aware of the adapted paper that they will be completed as part of their assessment tasks.

The range of questions provided in the WJEC adapted papers will examine all topics at the required level to ensure they are fully understood.

How will the assessments be undertaken?

Assessments will be split into the 2 units of work required by the WJEC. We will start with the practical paper (Unit 2) as this is what pupils are studying at present. The Unit 2 paper will take on a practical computer element and will be split over 3 lessons (dates above). Unit 2 paper will be carried out under controlled conditions and based in HU7 (the pupils' normal classroom). All work will be saved digitally in a secure pupil folder in Teams. The assessments will be supervised by the class teacher and pupils will sign an authentication sheet to show that all assessment conditions were adhered to and that all work was their

own. Pupils will have access to the computer system to produce their work and save in Teams.

We will proceed with Unit 1 in May which is the theory unit. This will be split over 2 lessons (dates above). This unit will be completed on paper. Unit 1 will be carried out under controlled conditions and based in HU7 (normal classroom). The assessments will be supervised by the class teacher and pupils will sign an authentication sheet to show that all assessment conditions were adhered to and that all work was their own.

Pupils will have access to standard exam materials e.g. calculators, rulers in the classroom. I will liaise with the SECNO to ensure pupils with special arrangements will have their access arrangements met.

Once pupils have completed an assessment, they will not have access to that paper again. Subject teachers will retain candidates work securely between sessions in locked cabinets in the department.

Delivery of assessment tasks

Pupils will have access to the WJEC-devised assessment materials between April 12th and May 28th.
All assessment material must be completed within this time frame.
Pupils will be required to complete assessment tasks independently. They will complete them in school and under the conditions required to ensure that work produced is their own.
Pupils will be informed of the period within which assessment tasks will be completed.
Pupils will be given the required time allocated by WJEC to complete the assessments. This time will be disaggregated across a number of lessons/sessions but will not exceed the total time set by the WJEC.
No feedback will be provided to learners on the scores attained in the assessment tasks.
Modified assessment materials will be provided, where required, following consultation with the ALNCo / EO. All learners entitled to additional time will be provided with this.

Outline of procedures for marking, feedback and QA:

Assessments will be marked using WJEC Mark Schemes by class teachers after a quarantine period in line with the school COVID risk assessment policy.
Papers will be stored securely in a locked area within the department. Decision records will detail who assessed the evidence, when the decision taken, identification of any reasonable adjustments/special considerations applied, and where the evidence is stored on a pupil record spreadsheet.

Once marked in red pen, a sample will be moderated from the Computer Science teacher and given to the Leader of Digital Learning. This will cover at least 20% of entries and will

include a range of grades, FSM/MAT/AL pupils. Work will be moderated anonymously to mitigate the risk of conscious and unconscious bias in the department.

All papers will be assessed and moderated by the 11ᵗʰ June 2021.

The Computer Science teacher will be responsible for identifying if any pupils are absent and need to catch up on assessment. All this information to be shared with.

Once all work is assessed and moderated the evidence will be collated and kept for each pupil.

How will a final grade be determined?

Each pupil's grade will be determined using a 'best-fit' model, whereby strengths in some areas may balance shortcomings elsewhere.

When determining the grade, we will take account of unit and assessment objective weightings in the specification (including the effect of any adaptations) and consider each learner's evidence in relation to the WJEC grade descriptors.

Any extenuating circumstances will be taken into account before the final grade is allocated. The final grade will be based on a judgement of evidence collected across units and assessment objectives, taking account of any adaptations made for 2021.

All grades awarded will undergo stringent moderation procedures to ensure accuracy and consistency.

What is the contingency plan if pupils are absent/self-isolating?

We have allowed plenty of time for assessment completion before the final CDG submission date. This gives us 'catch-up' time if pupils were absent or isolating and have missed specific assessments. As all learners will sit the assessment at the same time, if a pupil is absent on their return to school, they will sit a different assessment of the same nature. As Qualification Wales states staff cannot predict or provide grades on potential, pupils who have provided us with no assessment evidence over the year will not be able to achieve a grade and will therefore be allocated a 'U'.

Malpractice, Maladministration and Plagiarism

- For the purpose of this document 'malpractice' is defined as:
  Any act, or failure to act, that threatens or compromises the integrity of the assessment process or the validity of qualifications and their certification. This includes: maladministration and the failure to maintain appropriate records or systems; the deliberate falsification of records or documents for any reason connected to the award of qualifications; acts of plagiarism or other academic misconduct; and/or actions that compromise the reputation or authority of YBB, its officers and employees.

- YBB will report all relevant cases of suspected malpractice to Awarding Bodies, accepting that in certain circumstances Awarding Bodies may take action of its own, including imposing sanctions.
- All subject assessment plans will include a section on malpractice, maladministration and plagiarism.

Some examples of pupil malpractice are described below. These examples are not exhaustive and all incidents of suspected malpractice, whether or not described below, will be fully investigated, where there are sufficient grounds to do so.

- Obtaining assessment material without authorisation.
- Collaborating with another pupil or individual, by any means, to complete an assessment, unless it has been clearly stated that such collaboration is permitted.
- Damaging another pupil's work.
- Failure to comply with published awarding bodies' examination regulations.
- Disruptive behaviour or unacceptable conduct, including the use of offensive language, at the school (including aggressive or offensive language or behaviour).
- Misrepresentation or plagiarism.
- Possession of any materials not permitted in the assessment room, regardless of whether or not they are relevant to the assessment, or whether or not the pupil refers to them during the assessment process, for example notes, blank paper, electronic devices including mobile phones, smart watches, personal organisers, books, dictionaries / calculators (when prohibited).
- Communicating in any form, for example verbally or electronically, with other pupils in the assessment room when it is prohibited.
- Copying the work of another pupil or knowingly allowing another pupil to copy from their own work.
- Failure to comply with instructions given by the class teacher, including but not limited to: a) working beyond the allocated time; b) refusing to hand in assessment script / paper when requested; c) not adhering to warnings relating to conduct during the assessment.

Examples of malpractice by, teachers and other officers, are listed below. These examples are not exhaustive and all incidents of suspected malpractice, whether or not described below, will be fully investigated, where there are sufficient grounds to do so.

- Allowing pupils to copy another pupil's assessment work.
- Allowing pupils to work collaboratively during an assessment, unless specified in the assessment brief.
- Completing the assessment for a pupil or providing them with assistance beyond that "normally" expected

- Failing to report a suspected case of pupil malpractice, including plagiarism, to the HT / DH and subsequently the awarding body.
- Failing to keep assessment question papers, assessment scripts or other assessment materials secure, before during or after the assessment.
- Allowing disruptive behaviour or unacceptable conduct to go unchallenged.
- Where there is malpractice it is dealt with under the disciplinary policy of the school and the awarding body will be informed.