

Centre Determined Grades – Draft Subject Assessment Plans

Learning Area: **Technology**

Subject: **GCSE Engineering Design**

No. of entries: **22**

Rationale

Need to give all students fair opportunities to prove selves equitably irrespective of self-isolation / lockdown periods. Awarding individual students with fair grades they have shown evidence of achieving using recommended assessment frameworks provided by WJEC, following a robust and internal and external moderation process will be at the heart of the process.

The school has been asked to submit centre determined grades (CDGs) to enable the award of GCSE, AS, A level and Skills Challenge Certificate (SCC) qualifications. Subject Leaders will identify the scope of evidence which will be used to contribute towards the Centre Determined Grades. This information will be shared with students and Parents. The portfolios of evidence are evolving documents and will be updated following release of materials from the WJEC.

All subject teachers must ensure that access arrangements and special considerations are taken into account for each student who would have received additional support during exams eg extra time, reader, scribe.

All teachers will compile the evidence base for each student they teach and keep in individual student folders. Moderation will take place between subject areas and will be quality assured by members of the SLT. Grades will be determined following the guidance issued by the WJEC and must be evidence based, it cannot be on the basis of potential. Teachers will use the grade descriptors issued by the WJEC to inform their judgement.

The school will submit its CDGs by the deadline, 2nd of July 2021 using the system provided by WJEC for capture of the grades. Provisional grades will be shared with students prior to this and students will have the opportunity to go through an appeal if they do not agree with the grade awarded or they think an error has been made. Students cannot appeal if they are just not happy with their grade. If students do appeal a review of the grading process will take place using the evidence from the teacher. Students will be told of the results of this review prior to the submission of the grade to the WJEC.

Type of supervision for assessments

High : Formal supervision. Students produce their work under direct supervision and with a restricted set of resources, usually during class time. No assistance may be given to students. This is not achievable online.

Medium : Informal supervision. Work is mainly completed under teacher supervision in the classroom, e.g. writing up investigations. This can be achieved virtually using monitoring platforms online such as Class Notebook and Spiral, well designed assessments where simple answers cannot be harvested from an internet search engine or peers, strict time frames of completion.

Low: Limited supervision. Work may be completed outside of the classroom without direct supervision. Most but not all online completed assessments would be considered low control due to the inability to monitor students at home.

Type of assessment

Standardised Assessment Material (SAMS)- these are materials/assessments provided by the WJEC with mark schemes provided. They could be past papers or the material for the adapted specifications.

A Centre Devised Assessment (CDA) –an assessment created by the teacher/department. If assessments have been created the teacher must have completed the online training that is on WJEC Secure Website, read the WJECs Centre Assessment Creation Guide and undergone QA with SLT link.

Non-examination assessment materials (NEA) – this could be part or fully completed

What Evidence/Assessments have already been collected/taken?

Type of Evidence/Assessment	Date collected	How it links to specification	Type of Supervision H/M/L	Weighting of qualification	Type of assessment
Non Examination Assessment (NEA)	TBC	NEA coursework (folder) Assessment criteria, Sections -A,B,C NEA coursework (practical) Assessment criteria section -D (partly complete)	L/M	50%	Coursework (NEA)

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What Evidence/Assessments are planned?

Type of Evidence/Assessment	Date Planned	How it links to specification	Type of Supervision H/M/L	Weighting of qualification	Type of assessment
INTERNAL EXAM Lesson 1- 50 mins	13th April	2.1.2(j) Specialist techniques and processes 2.1.1(a) The impact of new and emerging technologies 2.1.1(c) How energy is generated and stored. 2.1.1(d) Developments in modern and smart materials.	H	50%	Summative (SAMS)
INTERNAL EXAM Lesson 2X - 50 mins	15th April	2.1.2(j) Specialist techniques and processes 2.1.2(e) Mechanical devices 2.1.2(b) Polymers 2.1.2(c) Electronic systems	H		
INTERNAL EXAM Lesson 3X - 20 mins	20th April	2.1.1(c) How energy is generated and stored. 2.1.1(b) How new and emerging technologies inform design decisions. 2.1.2(e) Mechanical devices 2.1.2(c) Electronic systems	H		

What assessment arrangements are needed for ALN students?

This information is confidential and held securely in school

What Moderation and QA processes have taken place/need to take place?

Date	Details	Who was present	(Planned) Outcome of meeting
16th September	Week 3 Departmental meeting	SWo, PBa, PJo, ERi	Amended specification. Modified version for Engineering Design and Product Design to be given by WJEC to be distributed to the students. For the NEA, students are expected to complete Sections -a,b,c and d.
13th January	Week 3 Departmental meeting	SWo, PBa, PJo	Trial exam questions collated. Questions taken from past GCSE papers. Any questions that are no longer on the specification/not yet covered have been removed and replaced with ones which have been delivered to the students. Reconfirm students with ALN and those entitled to special consideration. Plan for blending learning for Year 11. Short tasks for revision of exam work with SWo. PBa to continue with section C of NEA.
10th February	Week 3 Departmental meeting	SWo, PBa, PJo, SBr	Coursework/revision progress - emails/phone calls. Team teaching for each lesson to provide support. NEA update. Sections a,b and c to be completed, section d can be partly completed.
8th March	Week 3 Departmental meeting	SWo, PBa, PJo, SBr	Review of progress, preparation for return to lessons.
12th April	Training Day	SWo, PBa, PJo, SBr	Relevant WJEC training taking place.

			Collection of evidence Moderation / QA to begin Continued planning and preparation for completion of the course. Moderation dates to be confirmed.
TBC	1 full day of moderation required + Twilight time. Needed to enable cross moderation of students work, for sections A-D	SWo PBa	Summarised marking of NEA & successful standardisation of students work in-line with WJEC marking criteria and grade boundaries, presented in final rank order.
TBC	Twilight time- Needed to mark + moderate student internal exam grades, against the pre-approved marking scripts	SWo PBa	Summarised marking of SAMS & successful standardisation of students work in-line with WJEC marking criteria and grade boundaries, presented in final rank order.

Have you any potential conflicts of interest and if so what has been done to mitigate their effects?

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