



Coimisiún na Scrúduithe Stáit
State Examinations Commission

Junior Cycle Examination 2023

Graphics

Student Project

Common Level

To be completed by 25 November 2022

80 marks

Instructions to candidates

1. The coursework you submit for assessment must be your own individual work.
2. Your coursework must be executed in school under the supervision of your teacher.
3. Please familiarise yourself with the adjusted assessment arrangements for candidates taking the state examinations in the 2022/23 school year, that were issued by the Department of Education. As a result of these adjustments only **two** of the three sheets in the project must be presented. The third sheet is not examinable and will not have marks allocated to it. Therefore, candidates are only required to complete the following two sheets in 2023:

- **Sheet 1** - Selection and investigation of chosen object
- **Sheet 2** - Measured drawings

Your coursework should be presented as two single-sided A3 pages.

As a result of these changes, the total mark allocation for this coursework in 2023 is 80 marks, instead of the usual 120 mark total. However, the relative weighting between the coursework (30%) and the written paper (70%) will be retained. This will be achieved by reweighting the coursework before it is combined with the mark for the written component.

4. Original sketches and drawings **must** be submitted throughout the project, scanned images will not suffice.
5. When using research sources, including the Internet, the sources must be acknowledged. Research material copied directly from the Internet or from other sources and presented as your own work will not receive marks.
6. The coursework presented for assessment must be displayed in an attractive manner and marks will be awarded for presentation.
7. It is your responsibility, as the candidate, to comply with these instructions. If you fail to comply with these instructions, your teacher will not be able to validate and sign off on your coursework and you will not receive any marks for it.
8. Your **Examination Number** should be written clearly on **all** pages submitted.
9. The coursework must be completed by **25 November 2022**.
10. The completed coursework should be retained in school until the written examination in Graphics. The coursework of each candidate will be sent to the SEC with their written examination.

N.B. No further work should be undertaken on the Student Project after 25 November 2022 as to do so would render the project invalid and could lead to marks being withheld.

Note:

- *The circumstances in which the Minister for Education may withhold marks from candidates are set out in the "Rules and Programme for Secondary Schools".*
- *Anyone who helps a candidate to break examination rules can be prosecuted under the Education Act 1998.*

Graphics - Student Project Brief 2023

The geometry of food packaging is often influenced by the food product and how it is transported, stored, and accessed.

Carry out a graphical investigation of an item of recyclable food packaging. Your investigation should include an analysis of physical form, shape, underlying geometry, proportion, colour, materials, etc.

The table below outlines the format that your investigation should take.

Graphics Student Project		
Sheet Heading	Sheet description	Marks
Sheet 1. Selection and investigation of chosen object	Communicate the investigation of your chosen object using rendered freehand sketches and annotations. <i>Your presentation should include:</i> <ul style="list-style-type: none"> • An exploration of the shape, form, geometry and proportion of your chosen object • 2D and 3D rendered freehand sketches 	40
Sheet 2. Measured Drawings	Produce an appropriately detailed 2D drawing of your chosen object. <i>Your drawing should include:</i> <ul style="list-style-type: none"> • Elevation, plan and end elevation(s) • Main dimensions 	40
Sheet 3. CAD Presentation	<i>Not examinable for 2023</i>	
Total Marks for 2023		80

Outline marking scheme

The table below gives an outline of the marking headings that will be used to assess your completed project. While the general mark allocations will largely remain the same, assumptions about future mark breakdowns should be avoided.

Graphics Student Project			
Heading	Description	Marks	Total
Sheet 1. Selection and investigation of chosen object	Communicate the investigation of your chosen object using rendered freehand sketches and annotations. Your presentation should include: <ul style="list-style-type: none"> • An exploration and awareness of the shape, form, geometry and proportion of your chosen object • 2D and 3D rendered freehand sketches • Evidence of research 	32	
	Presentation – appropriate use of freehand sketching to communicate the main features of the chosen object	8	40
Sheet 2. Measured Drawings	Produce an appropriately detailed 2D drawing of your chosen object. Your drawing should include: <ul style="list-style-type: none"> • Elevation, plan and end elevation(s) • Main dimensions • Appropriate 2D conventions 	32	
	Presentation – accuracy, drafting and layout of drawing sheet detailing the main features of the chosen object	8	40
Sheet 3. CAD Presentation	Not examinable for 2023		
Total Marks			80

Note: For 2023, the total marks for the coursework will be 80 marks instead of 120 marks. The 30% coursework weighting (120 marks) will be retained by reweighting the coursework mark before it is combined with the mark for the written component.