

Please read the instructions printed overleaf before completing this form.

Session	
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Year	
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Centre Number	
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Centre Name	
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Candidate Number	Candidate Name	Teaching Group/Set	Product Focus/analysis (8)	Strengths/Weaknesses comparison (12)	Moral Implications (8)	Brief/spec for improvement (8)	Development of improvement (56)			Testing (12)	Summary of Results (8)	Communication (8)	Final Total Max 120	Moderators use only	
							Creative / Innovative Ideas (14)	Appropriate Prototypes (36)	Ongoing Evaluations (6)						
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## DESIGN AND TECHNOLOGY: UNIT F522: PRODUCT STUDY

### Marking and Internal Moderation

- 1 Teachers must be thoroughly familiar with the appropriate sections of the specification and with the general coursework regulations.
- 2 This form should only be used for recording coursework marks for Unit F522. A print out from a suitable software package is an acceptable alternative to this form if the same information is given in a format that allows the moderator space to record his/her marks.
- 3 Complete the information at the head of the form.
- 4 List the candidates in an order that will allow ease of transfer of information to a computer-printed internal assessment mark sheet (Form MS1) or to EDI at a later stage. The candidate number and the teaching group/set should also be shown.
- 5 Complete the white row for each candidate and leave the shaded row for the use of the moderator.
- 6 Carry out internal standardisation to ensure that the total marks awarded to the candidates reflect a single valid and reliable order of merit for the unit.
- 7 Ensure that all mark transcriptions and additions are independently checked.
- 8 You are advised to keep a copy of this form for reference.

### Authentication by the teacher

I declare that, to the best of my knowledge, the marks submitted represent the unaided work of the candidates concerned. I have attached details of any assistance given beyond that which is acceptable under the scheme of assessment.

Signature \_\_\_\_\_

Date \_\_\_\_\_

## Additional guidance for completing the Development of improvement section (56 marks)

It will assist centres if they consider this section under three sub-sections relating to the main requirements of the assessment criteria.

<b>Creative/Innovative ideas (14 marks) photograph, record and comment as improvement actually takes place.</b>	
Presents a wide range of innovative/creative ideas, which demonstrate a high level of development using high quality annotated sketching, real time digital Images and interactive dialogue.	Award marks at the top end of this allocation.
Presents a good range of innovative/creative ideas with varying levels of development using reasonable quality annotated sketching, digital images and interactive dialogue.	Award marks in the middle range of this allocation.
Presents only a limited range of innovative/creative ideas, which are developed only to a simplistic level or not at all using annotated sketching at a limited level.	Award marks at the lower end of this allocation.
<b>Appropriate prototypes (36 marks) photograph, record and comment as improvement actually takes place.</b>	
Makes a wide range of appropriate prototype models to establish the validity of the proposed idea in terms of: <ul style="list-style-type: none"> <li>Physical requirements, e.g. construction ,movement, stability, composition, strength;</li> <li>Aesthetic qualities and/or taste as appropriate;</li> <li>Suitable manufacturing processes;</li> <li>Suitability of materials, components or ingredients.</li> </ul>	28 - 36
Makes a good range of appropriate prototype models to establish the validity of the proposed idea in terms of: <ul style="list-style-type: none"> <li>Physical requirements, e.g. construction ,movement, stability, composition, strength;</li> <li>Aesthetic qualities and/or taste as appropriate;</li> <li>Suitable manufacturing processes;</li> <li>Suitability of materials, components or ingredients.</li> </ul>	15 - 27
Makes a more limited range of moderate prototype models to establish the validity of the proposed idea in terms of: <ul style="list-style-type: none"> <li>Physical requirements, e.g. construction ,movement, stability, composition, strength;</li> <li>Aesthetic qualities and/or taste as appropriate;</li> <li>Suitable manufacturing processes;</li> <li>Suitability of materials, components or ingredients.</li> </ul>	0 – 14
<b>Ongoing Evaluation (6 marks) photograph, record and comment as improvement actually takes place.</b>	
Presents a detailed and objective evaluation of ideas against the design specification in real time and justifies all decisions.	Award marks at the top end of this allocation.
Presents an adequate and objective evaluation of ideas against the design specification in real time and justifies most decisions.	Award marks in the middle range of this allocation.
Presents only a limited and mainly subjective evaluation of ideas with little or no justification of decisions. Little or no reference made to the design specification.	Award marks at the lower end of this allocation.