







IB Design Technology

Design Project Marks Awarded by Assessment Criteria

Candidate Number:	
Personal Code:	
Session:	May 2017
Teacher:	







Overview of marks awarded

SL and HL assessment criteria				HL only assessment criteria	
A	B	C	D	E	F
 /9	 /9	 /9	 /9	 /9	 /9

Total (this total must be entered on IBIS):

(SL max: 38, HL max: 54)

Number of pages per criterion:

A	B	C	D	E	F
					

Total number of pages submitted:

Criterion A: Analysis of a design opportunity

1 - 3	4 - 6	7 - 9	Evidence Pages	Justification of Marks
states a problem	identifies an appropriate problem, which leads to a design opportunity	describes an appropriate problem, which leads to a design opportunity		
states the key findings from relevant market and user research	describes the key findings from relevant market and user research	explains the key findings from relevant market and user research		
develops a simple brief, which identifies some relevant parameters of the problem	develops a brief which identifies most of the relevant parameters of the problem	develops a detailed brief which identifies all the relevant parameters of the problem		
develops a marketing specification, which states the requirements	develops a marketing specification, which outlines the requirements	develops a marketing specification, which justifies the requirements		
develops a design specification, which states the requirements	develops a design specification, which outlines the requirements	develops a design specification, which justifies the requirements		

Section A mark awarded

Criterion B: Conceptual design

1 - 3	4 - 6	7 - 9	Evidence Pages	Justification of Marks
demonstrates limited development of few ideas, which explore solutions to the problem	develops some ideas with reference to the specifications, which explore solutions to the problem	develops a range of feasible ideas to meet appropriate specifications, which explore solutions to the problem		
creates few models and no justification or analysis of models presented	uses some concept modelling with limited analysis	uses a wide range of accurate concept modeling to guide design development with detailed analysis		
selects an idea for development with no justification	selects the most appropriate idea for detailed development with limited justification	justifies the most appropriate idea for detailed development		

Section B mark awarded

Criterion C: Development of a detailed design

1 - 3	4 - 6	7 - 9	Evidence Pages	Justification of Marks
creates a few models with no justification for development or analysis of testing results	creates some models and prototypes and evaluates the development with some analysis of testing results	uses a wide range of high fidelity concept models and prototypes to guide the development with detailed analysis of testing results		
lists some appropriate materials and components for a prototype	outlines some appropriate materials and components for a prototype	justifies the choice of appropriate materials and components for a prototype		
lists some appropriate manufacturing techniques for prototype production	outlines some appropriate manufacturing techniques for prototype production	justifies the choice of appropriate manufacturing techniques for prototype production		
develops a design proposal that includes few details	develops a design proposal that includes most details	develops an accurate and detailed design proposal		
produces an incomplete plan that contains some production details	produces a plan that contains many of the details needed for the manufacture of the prototype	produces a detailed plan for the manufacture of the prototype		

Section C mark awarded

Criterion D: Testing and evaluation

1 - 3	4 - 6	7 - 9	Evidence Pages	Justification of Marks
evaluates the success of the solution against few aspects of the marketing specification with no evidence of testing	evaluates the success of the solution against some aspects of the marketing specification	evaluates the success of the solution against the marketing specification		
evaluates the success of the solution against few aspects of the design specification with no evidence of testing	evaluates the success of the solution against some aspects of the design specification	evaluates the success of the solution against all criteria of the design specification		
lists how the solution could be improved	outlines how the solution could be improved.	explains how the solution could be improved.		

Section D mark awarded

Criterion E: Commercial Production

1 - 3	4 - 6	7 - 9	Evidence Pages	Justification of Marks
<p>lists the appropriate materials and components for commercial production</p>	<p>outlines appropriate materials and components for commercial production</p>	<p>justifies the choice of materials and components appropriate for commercial production</p>		
<p>lists appropriate manufacturing techniques for commercial production</p>	<p>outlines appropriate manufacturing techniques for commercial production</p>	<p>justifies the choice of appropriate manufacturing techniques for commercial production</p>		
<p>lists design modifications to be solution required for commercial manufacture.</p>	<p>outlines design modifications to be solution required for commercial manufacture</p>	<p>explains design modifications to be solution required for commercial manufacture</p>		

Section E mark awarded

Criterion F: Marketing strategies

1 - 3	4 - 6	7 - 9	Evidence Pages	Justification of Marks
states a target sales price	identifies a target sales price	justifies an appropriate target sales price		
list some promotional strategies for the solution	identifies appropriate promotional strategies for the solution	discusses appropriate promotional strategies for the solution		

Section F mark awarded