

Subject: A Level Design & Technology Paper: H406/01 Checklist

A Level D&T - H406/01 Principles of D&T - Year 12 - December 2023

Student Checklist - A digital version of the OCR A Level D&T book can be found here https://passport.hoddereducation.co.uk/authenticate?referrer=https://boost-learning.com/&app=24

You all have a student account that uses your @parkhouseschool.org e mail. If you have forgotten your password click the Forgotten Password? Link, and this will ask for your @parkhouseschool.org e mail and send a reset to your G Mail school account. You should not need it, but the Centre ID is 14632 (different to the PHS Centre Number 51219). Once into the e book, you will need to view the Interactive View and click the sync button at the top right to access the bookmarks in your activity log (filter by content) or bookmark option on the icons to the left of the book screen. Click the black arrow at the start of each and it will take you to the revision link. Total marks for the paper is 80, therefore just over 1 min per mark.

Question 1	R	А	G
Use CUSTARD – <u>Circle</u> , <u>Underline</u> , <u>Scribble</u> , <u>Try</u> to include keywords in your answer, <u>Account for all the marks in the question</u> , <u>Read through your answer to make sure it makes sense</u> , <u>Don't rush you have 1min 20 per mark https://www.youtube.com/watch?v=Oslo5tNOJb4 and only use the lines identified</u>			
1a) 4 marks total – 4 minutes: Explain question - Revise using bookmark in Boost Learning for Ergonomic considerations and anthropometric data to support ease of use pg13-14			
1b 4 marks total – 4 minutes: Identify and justify question - Revise using bookmark in Boost Learning for Ergonomic considerations and anthropometric data to support inclusivity in design pg13-14			
1c (i) 4 marks – 4 minutes: Identify and describe question - Revise using bookmark in Boost Learning for The effects of trends, taste, and/or style AND The effect of marketing and branding Pg34-36			
1c (ii) 4 marks – 4 minutes: Describe question - Revise using bookmark in Boost Learning for The effect of marketing and branding and The considerations of how to get a product to market Pg35-39			
1c (iii) 6 marks – 6 minutes: Discuss longer answer question – Revise using bookmark in Boost Learning for The effect of marketing and branding and The considerations of how to get a product to market Pg35-39			
1d (i) and (ii) 6 marks – 6 minutes: Plotting positions Maths question			



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Question 2 (continued)	R	Α	G
Use CUSTARD and show workings out and enter answer in correct space with correct units (where applicable).			
2a) and b) 3 mark – 3 minutes: Identify and Justify question – Revise using bookmark in Boost Learning for Thermopolymers Pg158 and Polymer moulding methods Pg329			
2 c) 5 marks – 5 minutes: Using trigonometry to calculate and angle using SOCAHTOA Maths question or			

Question 3	R	А	G
Use CUSTARD and only use lines identified			
3a) 4 marks – 4 minutes: Identify and explain question - Revise using bookmark in Boost Learning for Environmental considerations (when selecting materials for a product) Pg139-142 and Pg76			
3b) 8 marks – 8 minutes: Discuss the implications and opportunities question – Revise using Boost Learning for Planned obsolescence Pg81			

Question 4	R	А	G
Use CUSTARD and only use lines identified			
4a i) and ii) 3 marks – 3 minutes: Identify and Explain question - Revise using bookmark in Boost Learning for Metals pg151-156			
4b i) and ii) 3 marks – 3 minutes: Identify and Explain question - Revise using bookmark in Boost Learning for Synthetic textiles Pg 170-173			
4c) 4 marks – 4 minutes: Identify and Explain question – Revise using bookmark in Boost Learning for Optimisation Pg95 and Pg346			



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4d i) 5 marks – 4 minutes: Explain Manufacturing question – Revise using videos added to 12D DET1 Classroom on Rolling Metal Bar and Focus on Learning for Metal Based Materials > Addition Processes		
4d ii) 8 marks – 8 minutes: Explain Manufacturing question – Revise using Focus on Learning for Metal Based Materials – Deforming processes and Working to tolerances, and Focus on Metals: Manufacturing Processes – Bending sheet metal and Presswork		
4e) 3 marks – 3 minutes: Identify and Justify question – Revise using bookmark in Boost Learning for Surface Finishes for metal Pg223-225 and Focus on Learning – Metal Based Materials – Surface Treatments and Finishes		