

Subject: GCSE Design & Technology Paper: J310/01 Qu1-3

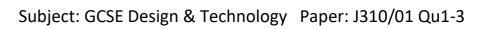
## GCSE D&T - J310/01 Principles of D&T - Year 10 - December 2024

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

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 45, therefore 1 min per mark.

Section A - Question 1 – 20 marks	R	А	G
Use <b>CUSTARD</b> – <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 i) and ii) 3 marks total – 3 minutes: Name and Properties questions - Revise using Boost L Pg41 or My RN for Natural & Manufactured Timbers Pg28			
1b) 2 marks – 2 minutes: Reasons question - Revise using Boost L Pg43 or My RN for Ferrous & Non-ferrous Metals P6 29			
1c) 2 marks – 2 minutes: Maths question – Calculating surface area			
1d) 2 marks – 2 minutes: Identify question - Revise using Boost L Pg2-3 or My RN for Identifying Stakeholders Pg2-4			
1e i) and ii)) 3 marks – 3 minutes: Identify question - Revise using Boost L Pg333-334 or My RN for Identifying Stakeholders Pg2			
1f) 8 marks – 8 minutes: Discuss question - Revise using Boost L Pg24-25 or My RN for The Environment and Sustainability Pg15			

Section A - Question 2 – 15 marks	R	Α	G
Use <b>CUSTARD</b> and show workings out and enter answer in correct space with correct units (where applicable).			
2a) 5 marks – 5 minutes: Drawing question. Revise using Boost L Pg33 or My RN for Working Drawings Pg21			
2b i) and ii) 4 marks – 4 minutes: Maths question, calculating the number of an item and how many.			
2c) 2 marks – 2 minutes: Reason question - Revise using Boost L Pg38-39 or My RN for Papers and Boards Pg26			
2d i) and ii) 4 marks – 4 minutes: Maths question, calculating the cost saving and percentage increase.			





Section A - Question 3 – 20 marks	R	Α	G
Use <b>CUSTARD</b> and only use lines identified			
3a i) and ii) 4 marks – 4 minutes: Naming question - Revise using Boost L Pg44-45 or My RN for Thermopolymers Pg30-31			
3a iii) 3 marks – 3 minutes: Naming question - Revise using Boost L Pg75-76 or My RN for Disruptive Technology Pg49			
3b) 3 marks – 3 minutes: Example question - Revise using Boost L Pg70-71 or My RN for Input Devices Pg42-44			