



Subject: GCSE Design & Technology Paper: J310/01 Section A and B Checklist

GCSE D&T – J310/01 Principles of D&T – Year 11 – November 2024

Student Checklist - A digital version of the OCR GCSE 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 100, therefore just over 1 min per mark.**

Section A - Question 1 – 20 marks	R	A	G
Use CUSTARD – <u>C</u> ircle, <u>U</u> nderline, <u>S</u> cribble, <u>T</u> ry to include keywords in your answer, <u>A</u> ccount for all the marks in the question, <u>R</u> ead through your answer to make sure it makes sense, <u>D</u> on't rush you have 1min 20 per mark https://www.youtube.com/watch?v=Oslo5tNOJb4 and only use the lines identified			
1a i) and ii) 3 marks total – 3.6 minutes: Name? and Properties questions - Revise using Boost L Pg41 or My RN for Natural & Manufactured Timbers Pg28			
1b) 2 marks – 2.4 minutes: Reasons question - Revise using Boost L Pg43 or My RN for Ferrous & Non-ferrous Metals P6 29			
1c) 2 marks – 2.4 minutes: Maths question – Calculating surface area			
1d) 2 marks – 2.4 minutes: Identify question - Revise using Boost L Pg2-3 or My RN for Identifying Stakeholders Pg2-4			
1e i) and ii)) 3 marks – 3.6 minutes: Identify question - Revise using Boost L Pg333-334 or My RN for Identifying Stakeholders Pg2			
1f) 8 marks – 9.2 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	A	G
Use CUSTARD and show workings out and enter answer in correct space with correct units (where applicable).			
2a) 5 marks – 6 minutes: Drawing question. Revise using Boost L Pg33 or My RN for Working Drawings Pg21			
2b i) and ii) 4 marks – 4.8 minutes: Maths question, calculating the number of an item and how many.			
2c) 2 marks – 2.4 minutes: Reason question - Revise using Boost L Pg38-39 or My RN for Papers and Boards Pg26			
2d i) and ii) 4 marks – 4.8 minutes: Maths question, calculating the cost saving and percentage increase.			



Subject: GCSE Design & Technology Paper: J310/01 Section A and B Checklist



Section A - Question 3 – 20 marks	R	A	G
Use CUSTARD and only use lines identified			
3a i) and ii) 4 marks – 4.8 minutes: Naming question - Revise using Boost L Pg44-45 or My RN for Thermopolymers Pg30-31			
3a iii) 3 marks – 3.6 minutes: Naming question - Revise using Boost L Pg75-76 or My RN for Disruptive Technology Pg49			
3b) 3 marks – 3.6 minutes: Example question - Revise using Boost L Pg70-71 or My RN for Input Devices Pg42-44			
3b) 2 marks – 2.4 minutes: Example question - Revise using Boost L Pg67-69 or My RN for Programmable Components Pg42-44			
3d i) and ii) 8 marks – 9.6 minutes: Identify and evaluate question - Revise using Boost L Pg74-77 or My RN for Impact of N&E Tech Pg14-15			

Section B - Question 4 – 10 marks	R	A	G
Use CUSTARD and only use lines identified			
4a i) and ii) 3 marks – 3.6 minutes: Complete the table and State question - Revise using Boost L Pg70-73 or My RN for Input and Output Devices Pg42-45			
4a iii) 2 marks – 2.4 minutes: Reason question - Revise using Boost L Pg20-21 or My RN for Wider Influences Pg 9-11 and Developments in tech Pg12-13			
4a iv) 2 marks – 2.4 minutes: Explain question - Revise using Boost L Pg36-37 or My RN for Systems Thinking Pg25			
4b i) and ii) 3 marks – 3.6 minutes: Describe and Explain question - Revise using Boost L Pg46-47 or My RN for Fibres and Textiles Pg32-33			

Section B - Question 5 and 6 - 35 marks	R	A	G
Use CUSTARD and only use lines/space identified			
Ensure answer to question refers to/is appropriate to product chosen on Page 17 and from Insert			



Subject: GCSE Design & Technology Paper: J310/01 Section A and B Checklist

<p>5a) 4 marks – 4.8 minutes: Describe question – Physical and Working Properties Use Focus on Polymers https://www.focuselearning.co.uk/ Username: student@parkhouse34225 Password: cumr74a7f or Polymers – Revise using Boost L Pg192-193 or My RN for Polymers – Physical and Working Properties and Influence Selection Pg104</p>				
<p>5b) 8 marks – 9.6 minutes – Sourcing and Processing Use Focus on Polymers https://www.focuselearning.co.uk/ Username: student@parkhouse34225 Password: cumr74a7f or Polymers – Revise using Boost L Pg194-196 or My RN for Polymers – Sources and Origins Pg104-105</p>				
<p>5c i) and ii) 11 marks total – 13.2 minutes: Identify Process and Step-by-Step question – Commercial Manufacturing Use Focus on Plastics https://www.focuselearning.co.uk/ Username: student@parkhouse34225 Password: cumr74a7f or Polymers – Revise using Boost L Pg225 or My RN for Polymers – Mass/High Volume Production Methods Pg120</p>				
<p>6a) and b) 12 marks – 14.4 minutes: Explain question - Design Classic. Revise using Boost L Pg10-13, 17 and 19 or My RN for Aesthetic Considerations Pg7 and The Influence and Impact... Pg9-10</p>				