

Peicai Secondary School
Subject Overview for Semester 2 / 2023
Design and Technology [Secondary 4NA]

1. Assessment Mode

Students will be assessed through coursework and written paper to demonstrate the learning of Design and Technology. The Prelim Examination results will include the written theory paper and the coursework marks.

2. Assessment Weightage

Components	Prelims (100%)	
Deliverables	Coursework (60%)	Written Paper (40%)
Work Timeline	Term 3: Week 1 - 3	Not Applicable
Submission Deadline	Week 3, 11 July (5pm) (National Deadline)	Written Exam: 1 August (10:00 – 11:30), 1.5h

3. Weekly Work Schedule

Term 3 [26 Jun – 1 Sep]				
Week	Chapter/Topic/Skill/Area	Textbook/ Resources	Assignment/ Homework	Assessment
Week 1 [26-30 Jun] <i>*29 Jun Hari Raya Haji Holiday</i>	Overview of Semester 2 • Plan for semester 2			GCE(N) Level Coursework
	Coursework • Evaluation of Prototype Updating of design journal on: • Production schedule • Material list and Part Drawings	Prototype Design Journal	- Evaluation of prototype against design specs - Update actual progress of production schedule - Material list table - Part drawings with dimensions	
Week 2 [3-7 Jul] <i>*3 Jul Youth Day Holiday 4 Jul O Lvl MT LC, (dismissed at 1.50pm)</i>	Revision - Design Process	D&T Revision Guidebook	- Guide book Paper 3, Qs 1	GCE(N) Level Coursework
	Coursework • Timely monitoring & reflections • Overall Gantt chart • Updating of contents page	Design Journal	- Update overall gantt chart and all reflections	

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Term 3 [26 Jun – 1 Sep]				
Week	Chapter/Topic/Skill/Area	Textbook/ Resources	Assignment/ Homework	Assessment
Week 3 [10-14 Jul] <i>HBL: 12 July</i>	Revision - Mechanism	D&T Revision Guidebook	- Guide book Paper 3, Qs 2	
	Coursework Final update of design journal for submission - Complete cover page - Submit declaration form Coursework: National Deadline: Tuesday, 11 July, 5pm <i>*Students must be physically present in school to sign the declaration form for the final submission.</i>	Final submission of (i) Prototype (ii) Presentation Boards #1 and #2. (iii) Design Journal (iv) Mock-ups	- Update monitoring reflections - Update actual progress in overall Gantt chart with progress monitoring comments - Fill up contents page - Complete and submit cover page - Complete and submit declaration form	N-level CW submission - Journal - Prototype - PBs #1, #2 - Mock-ups Submission of GCE (N) Level Coursework 11 Jul, 5 pm
Week 4 [17-21 Jul]	Time practice paper 1 All the topics in the syllabus will be tested.	-	- Practice paper 1	
	Error Analysis • Time practice paper 1	Writing material	-	
Week 5 [24-28 Jul]	GCE 'N' Level Prelim Examination	-	-	
Week 6 [31 Jul-4 Aug]	GCE 'N' Level Prelim Examination Topics covered: All the topics in the syllabus	-	Prelim paper	Paper 1: (40%) 60m 1 August 2023 10:00 – 11:30 (1h)

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Term 3 [26 Jun – 1 Sep]				
Week	Chapter/Topic/Skill/Area	Textbook/ Resources	Assignment/ Homework	Assessment
Week 7 [7-11 Aug] <i>*8 Aug National Day Celebration 9 & 10 Aug National Day Holiday</i>	Error Analysis • Prelim Paper	Writing material	-	
Week 8 [14-18 Aug]	Time practice paper 2 All the topics in the syllabus will be tested.	-	Practice paper 2	
	Error Analysis • Time practice paper 2	Writing material	-	
Week 9 [21-25 Aug]	Time practice paper 3 All the topics in the syllabus will be tested.	-	Practice paper 3	
	Error Analysis • Time practice paper 3	Writing material	-	
Week 10 [28 Aug-1 Sep] <i>*31 Aug Teachers' Day celebration 1 Sep Teachers' Day Holiday</i>	Time practice paper 4 All the topics in the syllabus will be tested.	-	Practice paper 4	
	Error Analysis • Time practice paper 4	Writing material	-	

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Term 4 [11 Sep - 13 Oct]				
Week	Chapter/Topic	Textbook/ Resources	Assignment/ Homework	Assessment
Week 1 [11-15 Sep]	GCE 'N' Level Written Examination Phase 1	-	-	
Week 2 [18-22 Sep]	GCE 'N' Level Written Examination Phase 1	-	-	
Week 3 [25-29 Sep]	4NT/4NA Study Break	-	-	
Week 4 [2-6 Oct]	GCE 'N' Level Written Examination Phase 2	-	-	
Week 5 [9-13 Oct]	GCE 'N' Level Written Examination Phase 2 <u>10 October 2023</u> Design & Technology: Paper 7055/01 08:00 – 09:30 (1.5h)	-	-	

**This subject overview is tentative and is subject to changes.*