

Peicai Secondary School
Subject Overview for Semester 2 / 2023
Design and Technology [Secondary 4EXP/5NA]

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 - 4	Not Applicable
Submission Deadline	Week 4, 25 July (5pm) (National Deadline)	Written Exam: 22 August (11:45 – 13:45), 2h

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 <ul style="list-style-type: none"> Plan for semester 2 	Prototype	Evaluation of prototype against design specs	GCE(O) Level Coursework
	Coursework Evaluation of Prototype		Complete Presentation Drawing, Contextual Drawing and Usage Sequence of final prototype with colour rendering.	
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	
	Coursework <ul style="list-style-type: none"> Evaluation of Prototype Updating of presentation, contextual and usage drawings of final prototype on Presentation Boards #1 and #2 	Prototype Presentation Board	Evaluation of prototype against design specs Complete Presentation Drawing, Contextual Drawing and	GCE(O) Level Coursework

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Term 3 [26 Jun – 1 Sep]				
Week	Chapter/Topic/Skill/Area	Textbook/ Resources	Assignment/ Homework	Assessment
			Usage Sequence of final prototype with colour rendering.	
Week 3 [10-14 Jul] <i>HBL: 12 July</i>	Revision - Structures	D&T Revision Guidebook	Guide book Paper 3, Qs 2	
	Coursework Updating of design journal on: - Production schedule - Material list and Part Drawings	Design Journal	- Update actual progress of production schedule - Material list table - Part drawings with dimensions	
Week 4 [17-21 Jul]	Revision - Mechanism	D&T Revision Guidebook	Guide book Paper 3, Qs 3	
	Coursework Updating of design journal on: - Production schedule - Material list and Part Drawings - Timely monitoring & reflections - Overall Gantt chart - Updating of contents page	Design Journal	- Update actual progress of production schedule - Material list table - Part drawings with dimensions	
Week 5 [24-28 Jul]	Coursework Final update of design journal for submission - Complete cover page - Submit declaration form	Final submission of prototype	- Update monitoring reflections - Update actual	O-level CW submission - Journal - Prototype - PBs #1, #2

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Week	Chapter/Topic/Skill/Area	Textbook/ Resources	Assignment/ Homework	Assessment
	Coursework: National Deadline: Tuesday, 25 July, 5pm <i>*Students must be physically present in school to sign the declaration form for the final submission.</i>	Final submission of Presentation Boards #1 and #2.	progress in overall Gantt chart with progress monitoring comments - Fill up contents page - Complete and submit cover page - Complete and submit declaration form	Submission of GCE (O) Level Coursework 25 Jul, 5 pm
Week 6 [31 Jul-4 Aug]	Time practice paper 1 All the topics in the syllabus will be tested.	-	Practice paper 1	
	Error Analysis <ul style="list-style-type: none"> Time practice paper 1 	Writing material	-	
Week 7 [7-11 Aug] <i>*8 Aug National Day Celebration 9 & 10 Aug National Day Holiday</i>	Time practice paper 2 All the topics in the syllabus will be tested.	-	Practice paper 2	
Week 8 [14-18 Aug] 15-16, 18 Aug: O Level Prelim Sci Prac	Error Analysis <ul style="list-style-type: none"> Time practice paper 2 	Writing material	-	
Week 9 [21-25 Aug]	GCE 'O' Level Prelim Examination Topics covered: All the topics in the syllabus	-	Prelim paper	Paper 1: (40%) 80 m 22 August 2023 11:45 – 13:45 (2h)

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Term 3 [26 Jun – 1 Sep]				
Week	Chapter/Topic/Skill/Area	Textbook/ Resources	Assignment/ Homework	Assessment
Week 10 [28 Aug-1 Sep] <i>*31 Aug Teachers' Day celebration 1 Sep Teachers' Day Holiday</i>	GCE 'O' Level Prelim Examination	-	-	

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Term 4 [11 Sep - 13 Oct]				
Week	Chapter/Topic	Textbook/ Resources	Assignment/ Homework	Assessment
Week 1 [11-15 Sep]	Error Analysis • Prelim Paper	Writing material	-	
	Time practice paper 3 All the topics in the syllabus will be tested.	-	Practice paper 3	
Week 2 [18-22 Sep]	Error Analysis • Time practice paper 3	Writing material	-	
	Time practice paper 4 All the topics in the syllabus will be tested.	-	Practice paper 4	
Week 3 [25-29 Sep]	Error Analysis • Time practice paper 4	Writing material	-	
Week 4 [2-6 Oct]	4E/5N Study Break	-	-	
Week 5 [9-13 Oct]	GCE 'O' Level Science Practical Examination	-	-	
	GCE 'O' Level Written Examination <u>2 November 2023</u> Design & Technology: Paper 7059/01 14:30 – 16:30 (2h)	-	-	

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