

Year 10 Design and Technologies

Work rate calendar (WRC) 2025

Term 1

All students are expected to participate in all online lessons and complete all assessment as outlined in this **Work rate calendar**.

Teachers may adjust topics, class work, assessment and submission dates. Adjustments will be communicated via QLearn or during lessons.

Assessment

Supervised assessment Summative exams are to be supervised by the student's official exam supervisor.

Non-supervised assessment Students must sign declaration of academic integrity.

Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	27 Jan – 31 Jan	Unit 1: Bridge Masters	Monday 27 January — Australia Day Holiday	
			Tuesday 28 January – Welcome calls: Years Prep–12	
			Wednesday 29 January – Learning for success: Years Prep–12	
Module 1 – Introduction to Design and Technologies				
2	3 Feb – 7 Feb		Monday 3 February — Brainstorm Productions: Years 7–12 (11am-2pm)	
			Module 2 – Sketching Basics and Design Process	
3	10 Feb – 14 Feb		Friday 14 February — Senior orientation day: Years 10–12	Sketching folio
			Module 3 – Sketching to Communicate ideas	Due 14 th February
4	17 Feb – 21 Feb		Module 4 – Design of Bridges and their Forces SA1 Instruction Handed out	SA1 Checkpoint 1 Due 21 st February
5	24 Feb – 28 Feb		Module 5 – Ancient vs Modern Materials in design	SA1 Checkpoint 2 Due 28 th February
6	3 Mar – 7 Mar	Module 6 – Efficient Design and Construction methods	SA1 Checkpoint 3 Due 7 th March	
7	10 Mar – 14 Mar	Module 7 – Design considerations: Environment and Site	SA1 – Engineering Journal Due 14 th March	
8	17 Mar – 21 Mar	Module 8 – Technologies and Society SA2 Instruction Handed out		
9	24 Mar – 28 Mar	Module 9 – Design Engineering in practice		
10	31 Mar – 4 Apr	Unit 2: Exploring	Thursday 3 April — Cross country / Fun run: Prep – Year 12	SA2 – Exam
			Module 10 – Exam	Due 2 nd April

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Term 2

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Assessment

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Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	21 Apr – 25 Apr		Monday 21 April — Easter Monday	
			Friday 25 April — Anzac Day	
			Module 11 – Design process: A review SA3 Instruction Handed out	
2	28 Apr – 2 May		Module 12 – Explore and Define	
3	5 May – 9 May		Monday 5 May — Labour Day	SA3 Draft Due Due 9 th May
			Module 12 – Explore and Define Design Brief	
4	12 May – 16 May		Module 13 – Generate and Communicate	
5	19 May – 23 May		Module 14 – Collaboration and Project management	SA3 – Explore and Communicate Due 23 rd May
6	26 May – 30 May		Module 15 – Prototyping and Testing SA4 Instruction Handed out	
7	2 Jun – 6 Jun		Module 16 – Produce and refine Production files	SA4 Draft Due Due 6 th June
8	9 Jun – 13 Jun		Module 17 – Produce and refine	
9	16 Jun – 20 Jun		Module 18 – Final Proposal and Evaluate	SA4 – Develop and Propose Due 20 th June
10	23 Jun – 27 Jun		Friday 27 June — Athletics carnival / Sports day: Prep – Year 12	
			Prep for next year	

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Term 3

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Assessment

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Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	14 Jul – 18 Jul	Unit 1: Bridge Masters	Module 1 – Introduction to Design and Technologies	
2	21 Jul – 25 Jul		Module 2 – Sketching Basics and Design Process	
3	28 Jul – 1 Aug		Wednesday 30 July – Friday 1 August — SET plan meetings: Year 10 Module 3 – Sketching to Communicate ideas	Sketching folio Due 1 st August
4	4 Aug – 8 Aug		Module 4 – Design of Bridges and their Forces SA1 Instruction Handed out	
5	11 Aug – 15 Aug		Wednesday 13 August — Royal Queensland (Ekka) Show Holiday Module 5 – Ancient vs Modern Materials in design	SA1 – Draft Due 15 th August
6	18 Aug – 22 Aug		Module 6 – Design considerations: Environment and Site	
7	25 Aug – 29 Aug		Module 7 – Prepare final engineering journal	SA1 – Final Engineering Journal Due 29 th August
8	1 Sept – 5 Sept	Unit 2: Exploring	Friday 5 September — Student free day Module 8 – Exam preparation SA2 Instruction	
9	8 Sept – 12 Sept		Module 9 – Exam Preparation	SA2 – Exam Due 12 th September
10	15 Sept – 19 Sept		Wednesday 17 September — Connect day: Years 9–10 Module 10 - Design process: A review	

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Term 4

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Assessment

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Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	6 Oct – 10 Oct	Unit 2: Exploring	Monday 6 October — King's Birthday Holiday Module 12 - Investigate and Define SA3 Instruction Handed out	
2	13 Oct – 17 Oct		Module 12 - Investigate and Define SA3 Draft Due 17 th October	
3	20 Oct – 24 Oct	Unit 3: Communicatin	Monday 20 October – Wednesday 22 October — School camp: Years 9-10 Module 13 – Generate and Communicate	
4	27 Oct – 31 Oct		Module 14 – Collaboration and Project management SA3 – Explore and Communicate Due 31 st October	
5	3 Nov – 7 Nov	Unit 4: Developing	Module 15 – Prototyping and Testing SA4 Instruction Handed out	
6	10 Nov – 14 Nov		Module 16 – Produce and refine SA4 draft Due 14 th Nov	
7	17 Nov – 21 Nov		Friday 21 November — Aquatic carnival: Prep – Year 11 Module 17 – Produce and refine	
8	24 Nov – 28 Nov		Friday 28 November — Final day: Years 10–11 Module 18 – Final Proposal and Evaluate SA4 – Develop and Propose Due 28 th Nov	