

Year 7 Technology

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: Design Folio	Monday 27 January — Australia Day Holiday	
			Investigating designs What is design technology? Needs/wants and opportunities of users	
2	3 Feb – 7 Feb		Investigating designs Assessment task introduction Collaborative and individual research	
3	10 Feb – 14 Feb		Friday 14 February — Senior orientation day: Years 10–12	SA1 Research project final Due Friday 14 th Feb 2025 – 5pm
			Introduction to design thinking process Investigating design process Assessment task SA2 introduction Materials and SCAMPER	
4	17 Feb – 21 Feb		Investigating and defining Brainstorming ideas Investigating and defining the problem Simple Machines and Structure	
5	24 Feb – 28 Feb		Generating and collaborating Sketching, Feedback, Forces	
6	3 Mar – 7 Mar		Designing Materials, Engineering principles, Safety considerations	
7	10 Mar – 14 Mar		Producing Prototyping Documenting modifications	SA2 Design folio draft Due Friday 14 th Mar 2025
8	17 Mar – 21 Mar		Evaluating Evaluation and reflection, Sustainability, Feedback	
9	24 Mar – 28 Mar	Monday 24 March – Wednesday 26 March — School camp: Years 7–8	SA2 Design folio final Due Friday 28 th Mar 2025 – 5pm	
		Submission and revision Submit folio final Design process revision		
10	31 Mar – 4 Apr	Thursday 3 April — Cross country / Fun run: Prep – Year 12	Mini Design Challenge Design culminating task	

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Term 2

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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	21 Apr – 25 Apr	Unit 2: Digital folio	Monday 21 April — Easter Monday		
			Friday 25 April — Anzac Day		
Introduction to digital technology					
What is a microcontroller?					
Getting Started with Micro-Python (Images and Text)					
2	28 Apr – 2 May		Computation thinking & problem-solving process		
			Computational thinking		
			Loops and Buttons and Decision Making		
3	5 May – 9 May		Monday 5 May — Labour Day		
			Creating a digital solution		
		Playing Music			
		Randomisation			
4	12 May – 16 May	Exploring decomposition	SA3 Digital folio checkpoint		
		Assessment task introduction			
		Solution decomposition			
		Identifying criteria for success			
5	19 May – 23 May	Developing a digital solution			
		Visual of User experience			
		Algorithms (IPO Table)			
		Collaboration of Micro: bit project			
6	26 May – 30 May	Generating prototypes	SA3 Digital folio draft Due Friday 30 th May 2025		
		Generating code			
		Documenting errors/improvements			
7	2 Jun – 6 Jun	Debug digital solution			
		Debug Micro-bit program			
		Documenting errors/improvements			
		Collaborative feedback			
8	9 Jun – 13 Jun	Evaluating digital solution	SA3 Digital folio final Due Friday 13 th June 2025 – 5pm		
		Evaluation and reflection			
		Collaborative feedback			
9	16 Jun – 20 Jun	Digital challenge			
		Digital culminating task			
10	23 Jun – 27 Jun	Friday 27 June — Athletics carnival / Sports day: Prep – Year 12			
		Digital challenge			
		Digital culminating task			

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Term 3

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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	14 Jul – 18 Jul	Unit 1: Design Folio	Investigating designs What is design technology? Needs/wants and opportunities of users	
2	21 Jul – 25 Jul		Investigating designs Assessment task introduction Collaborative and individual research	
3	28 Jul – 1 Aug		Wednesday 30 July — SET plan meetings: Year 10 Introduction to design thinking process Investigating design process Assessment task SA2 introduction Materials and SCAMPER	SA1 Research project final Due Friday 1 st Aug 2025
4	4 Aug – 8 Aug		Investigating and defining Brainstorming ideas Investigating and defining the problem Simple Machines and Structure	
5	11 Aug – 15 Aug		Wednesday 13 August — Royal Queensland (Ekka) Show Holiday Generating and collaborating Sketching, Feedback, Forces	
6	18 Aug – 22 Aug		Designing Materials, Engineering principles, Safety considerations	
7	25 Aug – 29 Aug		Producing Prototyping Documenting modifications	SA2 Design folio draft Due Friday 29 th Aug 2025
8	1 Sept – 5 Sept		Friday 5 September — Student free day Evaluating Evaluation and reflection, Sustainability, Feedback	
9	8 Sept – 12 Sept		Friday 12 September — Connect day: Years 7–8 Submission and revision Submit folio final Design process revision	SA2 Design folio final Due Friday 12 th Sept 2025
10	15 Sept – 19 Sept		Wednesday 17 September — Connect day: Years 9–10 Mini Design Challenge Design culminating task	

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Term 4

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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	6 Oct – 10 Oct	Unit 2: Digital folio	Monday 6 October — King's Birthday Holiday Introduction to digital technology What is a microcontroller? Getting Started with Micro-Python (Images and Text)	
2	13 Oct – 17 Oct		Computation thinking & problem-solving process Computational thinking Loops and Buttons and Decision Making	
3	20 Oct – 24 Oct		Creating a digital solution Playing Music Randomisation	
4	27 Oct – 31 Oct		Exploring decomposition Assessment task introduction Solution decomposition Identifying criteria for success	SA3 Digital folio checkpoint
5	3 Nov – 7 Nov		Developing a digital solution Visual of User experience Algorithms (IPO Table) Collaboration of Micro: bit project	
6	10 Nov – 14 Nov		Generating prototypes Generating code Documenting errors/improvements	SA3 Digital folio draft Due Friday 14 th Nov 2025
7	17 Nov – 21 Nov		Friday 21 November — Aquatic carnival: Prep – Year 11 Debug digital solution Debug Micro-bit program Documenting errors/improvements Collaborative feedback	
8	24 Nov – 28 Nov		Friday 28 November — STEM Connect day: Years 5–9 Friday 28 November — Final day: Years 10–11 Evaluating digital solution Evaluation and reflection Collaborative feedback	SA3 Digital folio final Due Friday 28 th Nov 2025 – 5pm
9	1 Dec – 5 Dec		Digital challenge Digital culminating task	
10	8 Dec – 12 Dec		Digital challenge Digital culminating task	

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