

Year 9 Digital 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: Web Development and User Experience	Monday 27 January — Australia Day Holiday	
			Tuesday 28 January – Welcome calls: Years Prep–12	
			Wednesday 29 January – Learning for success: Years Prep–12	
			Introduction to Websites	
Web page elements				
2	3 Feb – 7 Feb		Monday 3 February — Brainstorm Productions: Years 7–12 (11am-2pm)	Grok Academy Course: Express HTML/CSS
			Starting websites with HTML & CSS	
			Intro to HTML and stylesheets	
			Stylish text, colours, images and links	
			Intro to colour and vertical layout	
3	10 Feb – 14 Feb	HTML and CSS for Beginners	Grok Academy Course: Beginners 1 HTML/CSS	
		Document structure and fancy fonts		
		Grouping elements and styling blocks		
		Laying out a page		
4	17 Feb – 21 Feb	HTML and CSS for Beginners	Grok Academy Course: Beginners 1 HTML/CSS or Beginners 2 HTML/CSS	
		Styling specific elements		
		Interactivity and creativity		
5	24 Feb – 28 Feb	User Experience	Grok Academy Course: Beginners 2 HTML/CSS	
		User Stories		
		Usability		
		User Interface Wireframes		
6	3 Mar – 7 Mar	Planning the Assessment Task	SA1 Checkpoint	
		User Interface design	Friday, 7 th March	
		User Experience design		
7	10 Mar – 14 Mar	Wednesday 12 March – Friday 14 March — NAPLAN: Years 7 and 9		
		Assessment Project		
		Creating a website template		
8	17 Mar – 21 Mar	Assessment Project	SA1 Draft	
		Adding website content	Friday, 21 st March	
9	24 Mar – 28 Mar	Assessment Project		
		Revise, finalise and test website content		
10	31 Mar – 4 Apr	Thursday 3 April — Cross country / Fun run: Prep – Year 12	SA1 Final	
		Extension activity	Monday, 31 st March	
		Online resume website		

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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: Robotics and Algorithms	Monday 21 April — Easter Monday	Class Activities
			Friday 25 April — Anzac Day	Micromelon Activity 1
Introduction to Robotics	Micromelon Activity 2			
Introduction to Micromelon				
Micromelon – sequence and iteration				
2	28 Apr – 2 May		Algorithms	Class Activities
			Algorithmic Constructs	Micromelon Activity 3
Micromelon – sensors	Algorithm IPO Tables Activity			
3	5 May – 9 May		Monday 5 May — Labour Day	Class Activities
			Algorithms	Micromelon Activity 4
Pseudocode	Micromelon Activity 5			
Micromelon – selection and outputs	Pseudocode Activity			
4	12 May – 16 May	Algorithms	Class Activities	
		Desk Checking	Desk Checking Activity	
Micromelon – roving challenge				
5	19 May – 23 May	Assessment Project	SA2 Checkpoint	
		Algorithms	Friday, 23rd May	
Desk Checking				
6	26 May – 30 May	Assessment Project		
		Initial coding of solution		
7	2 Jun – 6 Jun	Assessment Project	SA2 Draft	
		Revise algorithms	Monday, 2 nd June	
Testing and Evaluation				
8	9 Jun – 13 Jun	Assessment Project	SA2 Final	
		Revise and update final submissions	Friday, 13 th June	
9	16 Jun – 20 Jun	Extensions/Free Play		
		Servo motors		
Micromelon challenges				
10	23 Jun – 27 Jun	Friday 27 June — Athletics carnival / Sports day: Prep – Year 12		
		Extensions/Free Play		
Servo motors				
Micromelon challenges				

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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: Web Development and User Experience	Introduction of websites Webpage Elements Intro to HTML and stylesheets	
2	21 Jul – 25 Jul		Starting websites with HTML & CSS Stylish text, colours, images and links Intro to colour and vertical layout	Grok Academy Course: Express HTML/CSS
3	28 Jul – 1 Aug		HTML and CSS for Beginners Document structure and fancy fonts Grouping elements and styling blocks Laying out a page	Grok Academy Course: Beginners 1 HTML/CSS
4	4 Aug – 8 Aug		HTML and CSS for Beginners Styling specific elements Interactivity and creativity	Grok Academy Course: Beginners 1 HTML/CSS or Beginners 2 HTML/CSS
5	11 Aug – 15 Aug		Wednesday 13 August — Royal Queensland (Ekka) Show Holiday User Experience User Stories Usability User Interface Wireframes	Grok Academy Course: Beginners 2 HTML/CSS
6	18 Aug – 22 Aug		Planning the Assessment Task User Interface design User Experience design	SA1 Checkpoint Friday, 22 nd August
7	25 Aug – 29 Aug		Assessment Project Creating a website template	
8	1 Sept – 5 Sept		Friday 5 September — Student free day Assessment Project Adding website content	SA1 Draft Friday, 5 th September
9	8 Sept – 12 Sept		Assessment Project Revise, finalise and test website content	
10	15 Sept – 19 Sept		Wednesday 17 September — Connect day: Years 9–10 Extension activity Online resume website	SA1 Final Monday, 15 th September

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Term 4

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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
Unit 2: Robotics and Algorithms	1		Monday 6 October — King's Birthday Holiday	Class Activities
			Introduction to Robotics Introduction to Micromelon Micromelon – sequence and iteration	Micromelon Activity 1 Micromelon Activity 2
	2		Algorithms Algorithmic Constructs Micromelon – sensors	Class Activities Micromelon Activity 3 Algorithm IPO Tables Activity
			3	Monday 20 October – Wednesday 22 October — School camp: Years 9-10
	4		Algorithms Pseudocode Micromelon – selection and outputs	Micromelon Activity 4 Micromelon Activity 5 Pseudocode Activity
			5	Algorithms Desk Checking Micromelon – roving challenge
	6			Assessment Project Algorithms Desk Checking
			7	Assessment Project Initial coding of solution
	8			Friday 21 November — Aquatic carnival: Prep – Year 11
			9	Assessment Project Revise algorithms Testing and Evaluation
10	Assessment Project Revise and update final submissions	SA2 Final Friday, 28 th November		
	9	Friday 5 December — STEM Connect day: Years 5–9		
10		Extensions/Free Play Servo motors Micromelon challenges		
	10	Extensions/Free Play Servo motors Micromelon challenges		