

Year 12 Chemistry

Work rate calendar (WRC) 2024

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	22 Jan – 26 Jan	Unit 3 Topic 2: Oxidation and reduction	Monday 22 January — Welcome calls for students: Prep – Year 12	
			Wednesday 24 January — Learning for success: Prep – Year 12	
			Friday 26 January — Australia Day Holiday	
			Review of Unit 3 Topic 1 Emphasis on data test	
2	29 Jan – 2 Feb		Review of Unit 3 Topic 1 Emphasis on data test	Qlearn – practise data test quiz
			Introduction to redox reactions	
3	5 Feb – 9 Feb		Friday 9 February — Senior orientation day: Years 10–12	Practical report - Qlearn Qlearn - practise data test quiz
			Metal activity series Practical #1	
4	12 Feb – 16 Feb		Galvanic cells Practical #2	Practical report - Qlearn
5	19 Feb – 23 Feb		IA1 – data test and IA2 – student experiment	IA1 – data test complete by Friday 23 Feb
6	26 Feb – 1 Mar	IA2 – student experiment		
7	4 Mar – 8 Mar	IA2 – student experiment	IA2 Checkpoint – modifications, RA, research question, experimental proposal	
8	11 Mar – 15 Mar	Redox reactions and standard reduction potentials		
9	18 Mar – 22 Mar	Electrolytic cells	IA2 draft due by Monday 18 March 5pm	
10	25 Mar – 29 Mar	Thursday 28 March — Cross country / Fun run: Prep – Year 12	Qlearn - quiz	
		Friday 29 March — Good Friday		
		IA2 draft review Fuel cells		

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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	15 Apr – 19 Apr	Unit 4: Structure, synthesis and design	Structure and naming of organic molecules	Qlearn - quiz
2	22 Apr – 26 Apr		Thursday 25 April — Anzac Day	Qlearn - quiz
			Structure and naming of organic molecules	
3	29 Apr – 3 May		Physical properties of organic compounds Spectroscopy Practical #3 (construct 3D models of organic molecules)	IA2 Final report due Monday 29 April 5pm Qlearn - quiz
4	6 May – 10 May		Monday 6 May — Labour Day	Qlearn - quiz
			Spectroscopy	
5	13 May – 17 May		Addition polymers	Qlearn - quiz
6	20 May – 24 May		Condensation polymers and proteins	Qlearn - quiz
7	27 May – 31 May		Proteins and analytical techniques	Qlearn - quiz
8	3 Jun – 7 Jun		Carbohydrates	Qlearn - quiz
9	10 Jun – 14 Jun	Carbohydrates	IA3 draft due 10 June 5pm Qlearn - quiz	
10	17 Jun – 21 Jun	Thursday 20 June — Senior formal: Year 12	Qlearn - quiz	
		Friday 21 June — Athletics carnival / Sports day: Prep – Year 12		
		Lipids and enzymes		
		Draft review		

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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	8 Jul – 12 Jul	Unit 4: Structure, synthesis and design	Organic reactions	Qlearn quiz
2	15 Jul – 19 Jul		Organic reactions	IA3 final report due 19 July 5pm
3	22 Jul – 26 Jul		Organic reactions	Qlearn quiz
4	29 Jul – 2 Aug		Chemical synthesis	Qlearn quiz
5	5 Aug – 9 Aug		Chemical synthesis	Qlearn quiz
6	12 Aug – 16 Aug		Wednesday 14 August — Royal Queensland (Ekka) Show Holiday Green chemistry and molecular manufacturing	Qlearn quiz
7	19 Aug – 23 Aug		Mock exam preparation	
8	26 Aug – 30 Aug		Mock exams: Year 12 Monday 26 August – Thursday 29 August Friday 30 August — Student free day	
9	2 Sept – 6 Sept		Mock exams: Year 12 Monday 2 September – Friday 6 September	
10	9 Sept – 13 Sept		Exams: Year 11 Monday 9 September – Thursday 12 September Friday 13 September — Connect excursion: Years 10–12 Review mock exam	

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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	30 Sept – 4 Oct	Unit 4: Structure, synthesis and design	Revision	
2	7 Oct – 11 Oct		Monday 7 October — King's Birthday Holiday	
			Revision	
3	14 Oct – 18 Oct		Revision	
4	21 Oct – 25 Oct		Exams: Year 12 Monday 21 October – Friday 25 October	
5	28 Oct – 1 Nov		Exams: Year 12 Monday 28 October – Friday 1 November	
6	4 Nov – 8 Nov		Exams: Year 12 Monday 4 November – Friday 8 November	
7	11 Nov – 15 Nov		Exams: Year 12 Monday 11 November – Wednesday 13 November Thursday 14 November — Graduation: Year 12 Friday 15 November — Final day: Year 12	
8	18 Nov – 22 Nov			
9	25 Nov – 29 Nov			
10	2 Dec – 6 Dec			
11	9 Dec – 13 Dec			