Year 11 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 1: Chemistry fundamentals	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 **Orientation** Isotopes	
2	29 Jan – 2 Feb		**Ionic compounds and chemical reactions**	**Qlearn quiz**
3	5 Feb – 9 Feb		Friday 9 February — Senior orientation day: Years 10–12 **Atomic structure and periodic trends**	**Qlearn quiz**
4	12 Feb – 16 Feb		**Measurement, uncertainty and error** Practical #1	**Practical report – Qlearn** **Qlearn quiz**
5	19 Feb – 23 Feb		**Rate of reaction** Practical #2	**Practical report - Qlearn** **Qlearn quiz**
6	26 Feb – 1 Mar		**Mole concept**	**Qlearn quiz**
7	4 Mar – 8 Mar		**Empirical formula** Practical #3	**Practical report - Qlearn**
8	11 Mar – 15 Mar		**Stoichiometry**	**Qlearn quiz**
9	18 Mar – 22 Mar		**Exams: Year 11** Monday 18 March – Friday 22 March	**FA1 – Unit 1 test** Complete by Friday 22 March 5pm
10	25 Mar – 29 Mar		Thursday 28 March — Cross country / Fun run: Prep – Year 12 Friday 29 March — Good Friday **Introduction to FA2 – research investigation** Select topic	**Qlearn quiz**

Disclaimer: Information contained in this document is correct at time of publishing.

LEGEND | Class work — send-in | Summative assessment | Exam block | School events | Public holidays | Student free day

Year 11 Chemistry

Work rate calendar (WRC) 2024 Term 2

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	15 Apr – 19 Apr	Unit 1: Chemistry fundamentals	**FA2 – research investigation**	
2	22 Apr – 26 Apr		Thursday 25 April — Anzac Day **FA2 – research investigation**	**FA2 checkpoint – evidence selection and research question; rationale planning – (Friday 26 April)**
3	29 Apr – 3 May		**FA2 – research investigation**	
4	6 May – 10 May	Unit 2: Molecular interactions and reactions	Monday 6 May — Labour Day **Energy in chemical reactions**	**Practical report - Qlearn** **Qlearn quiz** **FA2 – draft (Friday 10 May, 5pm)**
5	13 May – 17 May		**Calorimetry** Practical #4 Review draft feedback	**Qlearn quiz**
6	20 May – 24 May		**Covalent bonding and molecular shape**	**FA2 – Final (Friday 24 May, 5pm)** **Qlearn quiz**
7	27 May – 31 May		**Polarity of molecules and intermolecular forces**	**Qlearn quiz**
8	3 Jun – 7 Jun		**Intermolecular forces and properties of matter - chromatography** Practical #5	**Qlearn quiz**
9	10 Jun – 14 Jun		Monday 10 June – Thursday 13 June — School camp: Year 11 **Intermolecular forces and properties of matter**	**Qlearn quiz**
10	17 Jun – 21 Jun		Thursday 20 June — Senior formal: Year 12 Friday 21 June — Athletics carnival / Sports day: Prep – Year 12 **Intermolecular forces and properties of matter** Introduction to FA3	**Practical report - Qlearn**

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LEGEND | Class work — send-in | Summative assessment | Exam block | School events | Public holidays | Student free day

Year 11 Chemistry

Work rate calendar (WRC) 2024 Term 3

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	8 Jul – 12 Jul	Unit 2: Molecular interactions and reactions	**FA3 – student experiment**	
2	15 Jul – 19 Jul		**FA3 – student experiment**	
3	22 Jul – 26 Jul		**FA3 – student experiment**	**FA3 – checkpoint – modifications, RQ, research question, data collection and processing.**
4	29 Jul – 2 Aug		**Gas laws**	**Qlearn quiz**
5	5 Aug – 9 Aug		**Aqueous solutions**	**Qlearn quiz** **FA3 – draft (Sunday 11 August, 5pm)**
6	12 Aug – 16 Aug		Wednesday 14 August — Royal Queensland (Ekka) Show Holiday **Ions in solution**	**Qlearn quiz**
7	19 Aug – 23 Aug		**Definitions and reactions of acids and bases** Practical #6	**Qlearn quiz**
8	26 Aug – 30 Aug		Friday 30 August — Student free day **Strong and weak acids** Revision	**FA3 – final (Friday 30 August, 5pm)** **Qlearn quiz**
9	2 Sept – 6 Sept		**Revision**	**Qlearn quiz**
10	9 Sept – 13 Sept		**Exams: Year 11** Monday 9 September – Thursday 12 September Friday 13 September — Connect excursion: Years 10–12	**FA4 – complete by Thursday 12 September, 5pm.**

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LEGEND | Class work — send-in | Summative assessment | Exam block | School events | Public holidays | Student free day

Year 11 Chemistry

Work rate calendar (WRC) 2024 Term 4

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	30 Sept – 4 Oct	Unit 3 Topic 1: Equilibrium, acids and bases	**Chemical equilibrium**	**Qlearn quiz**
2	7 Oct – 11 Oct		Monday 7 October — King's Birthday Holiday **Le Chatelier's principle**	**Qlearn quiz**
3	14 Oct – 18 Oct		**Equilibrium constants**	**Qlearn quiz**
4	21 Oct – 25 Oct		**Bronsted-Lowry acids and bases**	**Qlearn quiz**
5	28 Oct – 1 Nov		**Dissociation constants**	**Qlearn quiz**
6	4 Nov – 8 Nov		**Volumetric analysis and titration curves** Practical #6	**Practical report – Qlearn** **Qlearn quiz**
7	11 Nov – 15 Nov		**Buffers and titration curves** Practical #7	**Practical report – Qlearn** **Qlearn quiz**
8	18 Nov – 22 Nov		**Exams: Year 11** Monday 18 November – Friday 22 November Friday 22 November — Aquatic carnival: Prep – Year 11 Friday 22 November — Final day: Years 10–11	
9	25 Nov – 29 Nov			
10	2 Dec – 6 Dec			
11	9 Dec – 13 Dec			

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LEGEND | Class work — send-in | Summative assessment | Exam block | School events | Public holidays | Student free day