



<b>Task Number</b>	1	<b>Task Name</b>	Module 5 Topic Test
<b>Course</b>	12 Chemistry	<b>Faculty</b>	Science
<b>Teacher</b>	Mrs Hodgman	<b>Head Teacher</b>	Mr Yates
<b>Issue date</b>	Week 6, Term 4 2024	<b>Due date</b>	9 <sup>th</sup> December 2024 P5 12:10 pm
<b>Focus (Topic)</b>	Equilibrium	<b>Task Weighting</b>	20%

## Outcomes

### A student:

**CH12-5** analyses and evaluates primary and secondary data and information

- derive trends, patterns and relationships in data and information
- assess error, uncertainty and limitations in data
- assess the relevance, accuracy, validity and reliability of primary and secondary data and suggest improvements to investigations

**CH12-6** solves scientific problems using primary and secondary data, critical thinking skills and scientific processes

- use modelling (including mathematical examples) to explain phenomena, make predictions and solve problems using evidence from primary and secondary sources
- use scientific evidence and critical thinking skills to solve problems

**CH12-12** explains the characteristics of equilibrium systems, and the factors that affect these systems

## Task description

Students are required to complete a topic test covering Module 5 content. This test will be administered during class time in Period 5 on Monday, 9th December 2024. Students are to report to Room 21 at the start of Period 5 to undertake the test, which will be conducted under examination conditions.

Students may bring the following materials:

- A scientific calculator,
- A blue or black pen, and
- A single, double-sided A4 sheet of handwritten study notes.

All inquiry questions for Module 5 are subject to assessment. Students are advised to undertake independent revision on each inquiry question during study periods or at home in preparation for the test. Additionally, students must prepare a single, double-sided A4 page of handwritten study notes, which will be submitted to the teacher at the end of the test period along with the test paper.

Students who are absent during this period must submit an Illness/Misadventure form. An estimated grade will be recorded for grading purposes for valid absences; however, absent students will have the opportunity to complete the test as a learning exercise and to receive feedback on their responses.

