

Summative Assessment

All Wyvern College students sit a summative assessment each term. These assessments are used to track their progress throughout their time with us. Students complete the assessments under formal exam conditions to prepare them for the format of their real GCSE exams.

The assessments consist of GCSE style maths papers with students receive a grade on the formal 9–1 GCSE scale. Before each assessment, students are given both a target mark to aim for and a list of key questions to focus on.

Why do you give students GCSE style exam papers which feature some questions on topics they have not yet been taught?

By using exam style papers, we can establish accurate grade boundaries for each paper. This ensures that each grade corresponds to the same level of difficulty across all assessments. Using nationally-calibrated grade boundaries guarantees that the standards remain consistent from one assessment to the next, meaning that any improvement in a student's grade is a genuine and meaningful reflection of their progress.

Additionally, many Wyvern College students engage in independent study using the Sparx Maths platform, which accelerates their learning. These students often teach themselves topics before they are formally covered in class. By using full GCSE exam papers in our assessments, these students have the opportunity to gain recognition and merit for their self-motivated study.

Many students have the skills to tackle parts of the more challenging questions, so they are encouraged to attempt every question, even if they can only complete the first part. This approach helps build their confidence as they progress toward solving multi-step problem-solving questions.

It's important for students to understand that achieving full marks on the GCSE papers is the ultimate goal by the end of their five-year journey at Wyvern College. However, they should not expect to achieve full marks during the summative assessments before Year 11, as these assessments are part of the learning process.

What feedback is given after summative assessments?

Autumn 2018 - Summative Assessment Non-Calculator				YEAR 8		If you did not gain full marks on a question enter the date these videos are completed	
Question	Marks Available	Marks Gained	QIP Number	Topic	Watched the Sparx Maths video & made notes	Watched the Sparx Maths video and completed the quiz 2 days later	
1	2	2	17	Round to nearest 10, 100, 1000			
2	3	3	711	Converting time (worded problems)			
3	2	1	829/30	3D Shapes			
4a	1	1	14	Compare positive integers			
4b	1	1	37	Compare negative integers			
4	2	2	149	Order Fractions, Decimals, Percentages			
5a & 5b	2	0	156	Collecting like terms			
5	1	1	158	Simplifying expressions - multiplying			
6	2	2	350-2	Probability of single events			
7	3	3	196	Linear sequences in pictures			
8	4	4	753	Money (problem solving 2)			
9	4	1	692	Converting length			
10a			58	Fraction as pictures			
10b	3	1	81	Percentage as picture			
10			75	Fraction to Percentage			
11	3	2	199	Cartesian axes and coordinates			
12	3	3	208	Straight line graphs			
12	3	3	60	Compare Fractions			
13	4	1	739-742	Recipe Problems			
14	4	3	88	Percentage Increase/Decrease (non-calculator)			
14			22	Short Division			
15	3	3	36	LCM Worded problems			
16	5	1	425	Bar Charts 2 Vertical line graphs			
17a	2	0	637 & 8	Translation			
17b	2	0	650-654	Describe transformations			
18a	1	1	103	Index term (power of 0 & 1)			
18b	1	1	104	Index term (negative)			
18c	2	0	121-124	Standard Form			
19	4	1	361-363	Probability Trees			
20	3	2	206-213	Straight line graphs			
21	4	0	555	Area - compound shapes			
22	4	0	188	Set up and solve equations (in context)			
23	3	1	338	Solve ratio problems using algebra			
24	2	0	661	Construct angle bisector			
Total	80	74					

In addition to the formal grade, students will receive a Question-Level Analysis (QLA) sheet. This sheet records how many marks were earned for each question. Students will highlight each question as follows:

- **Green:** Full marks
- **Amber:** Some marks
- **Red:** No marks

The QLA sheet also indicates the topic assessed in each question and provides a link to the relevant Sparx Maths video for independent learning on that topic.

The QLA sheet serves as a personalised target sheet, allowing students to identify areas for improvement and to guide their independent study and revision in preparation for the next term's assessment.

What does “exam conditions” mean and what if I break them?

Exam conditions mean the following:

- Remain silent and do not communicate with other students.
- Avoid eye contact with other students, as non-verbal gestures count as communication.
- No notes or aids are allowed in the exam.
- Do not look at or copy from other students' work.
- Do not open the exam paper until instructed to do so.
- Close the exam paper when instructed to do so.
- Follow all instructions given by the invigilators (teachers).

If exam conditions are not followed, the student will be removed from the exam and a C3 detention will be set.

It is our department policy not to lend equipment during summative assessments.