PROGRESS REPORT · PERIOD 3

The Progress Report

Three months of tracked progress in Mathematics Advanced, measured against where we started.

MA99 EDUCATION

PREPARED FOR
Leo, Year 11

GOAL
A Band 6 in Mathematics Advanced

REPORTING PERIOD
4 to 29 May 2026

PROGRAMME
The Band 6 Campaign

Prepared by Edward Ma, Director. A sample report: the student and figures are fictional.

PROGRESS REPORT

01

At a Glance

This period in one page, with each number set against the last period.

REF PR-2605-031

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This period in summary

Period 3, sessions 9 to 12. Arrows compare with Period 2.

TIMED PAPERS

81%

Average across the period

▲ 7 points

TOPICS SECURE

12 of 20

Year 11 course topics

▲ 3 topics

ERROR PATTERNS

3 closed

Of 6 found so far

▲ 1 closed

ATTENDANCE

100%

12 of 12 sessions this year

No change

OVERALL STANDING

On track for a Band 6

- Differentiation rules under time
- Trigonometric identities
- Log equations, on track
- Full working on 4 mark questions

COACH HEADLINE

Timed paper scores have risen from 62% in February to 81% now. The Term 1 assessment came back at 78%, up from 71% at the end of Year 10, and this month's Error Log was the shortest of the year.

PROGRESS REPORT

02

Key Metrics Over Time

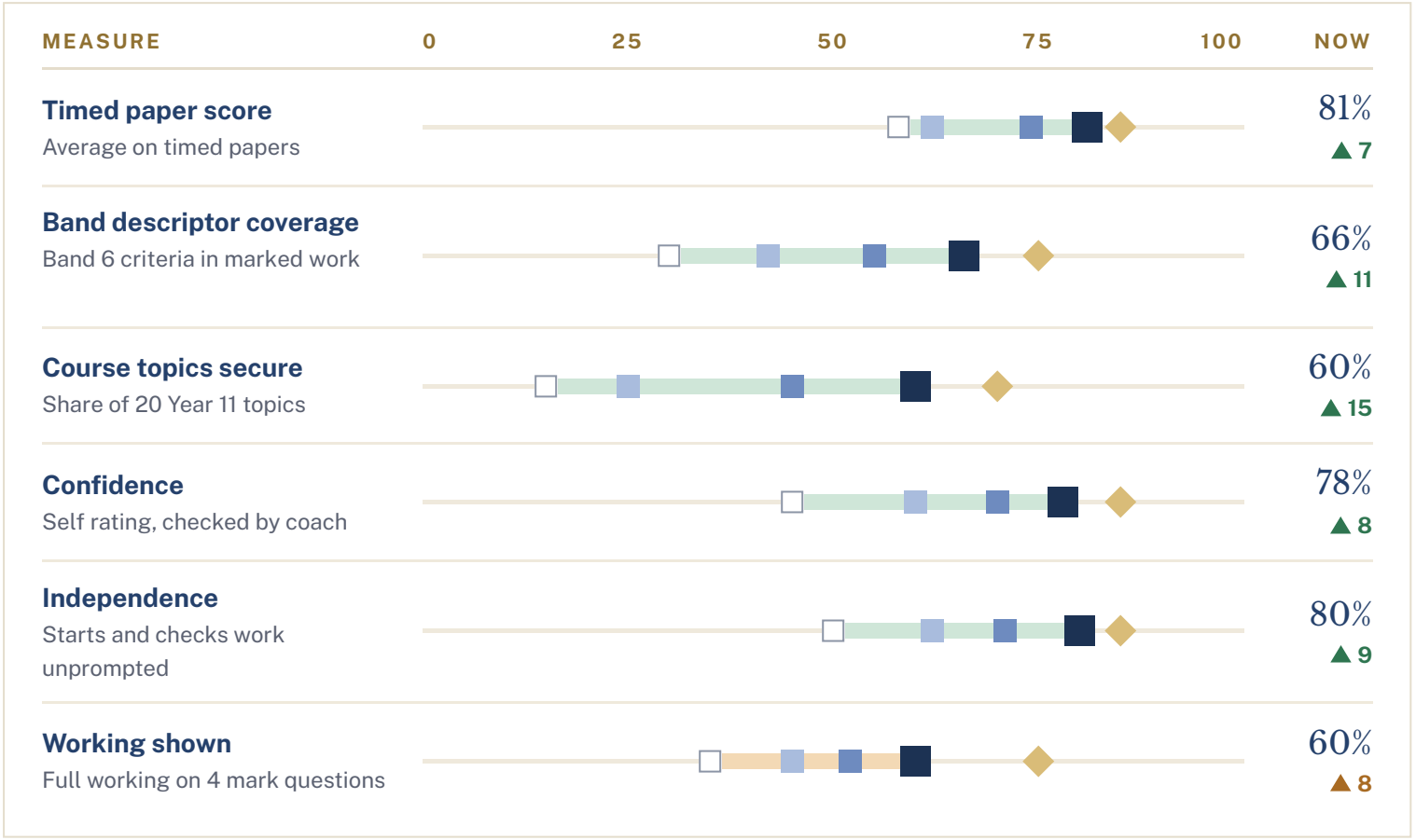
Six measures of success on one scale, from the diagnostic to today, with the next target.

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The key metrics, period by period

Each row is a scale from 0 to 100. The green band is the ground gained.



HOW TO READ IT

Every measure moved up this period. Working shown on long questions is furthest from target, in amber, so it leads next period's plan: it is where Band 6 marks are won or lost.

PROGRESS REPORT

03

Trends

Four measures tracked every period. The dashed column is next period's target.

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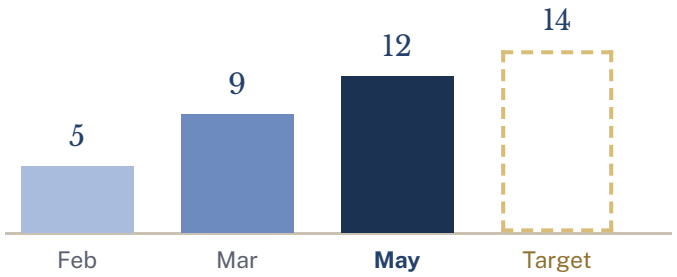
Three periods of growth

February, March and May, with the target for June. April was the school holidays; its sessions are counted in May.

TOPICS SECURE

▲ 3

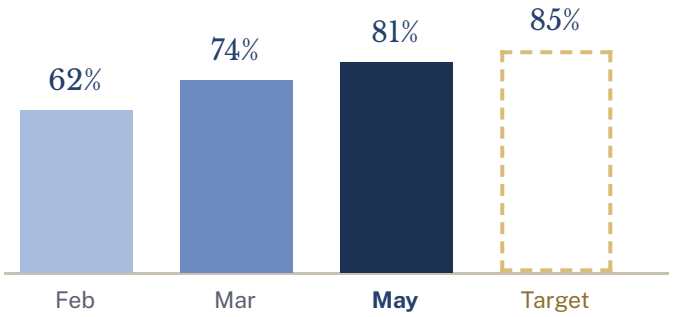
Of 20 Year 11 course topics



TIMED PAPER SCORE

▲ 7 points

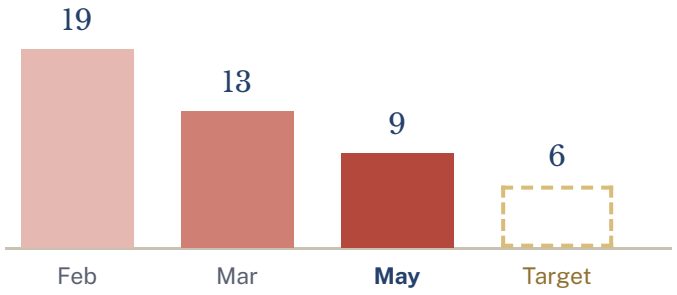
Average across the period



MARKS LOST PER PAPER

▼ 4 fewer

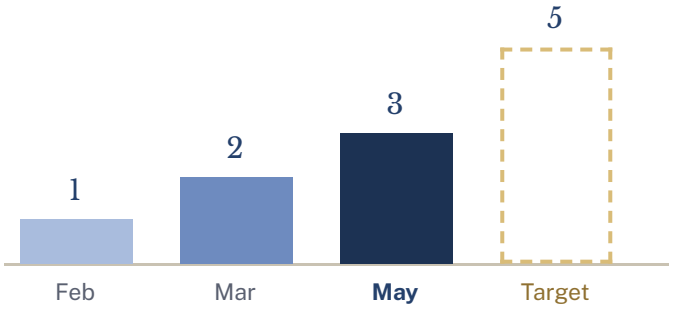
From the Error Log. Lower is better



ERROR PATTERNS CLOSED

▲ 1

Running total, of 6 found so far



PROGRESS REPORT

04

Objectives

The four objectives set for this period in the Term Academic Plan.

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What we set out to achieve

Progress toward each objective. The pale bar is where it stood last period.

1	**Differentiation rules under time** Ten of ten correct on the timed set		ACHIEVED
2	**Trigonometric identities** Proofs set out line by line, unprompted		ACHIEVED
3	**Exponential and log equations** Log laws developing, harder equations next		ON TRACK
4	**Full working on 4 mark questions** Right answers, but steps skipped		EMERGING

WHAT HAPPENS TO EACH OBJECTIVE NEXT

Achieved
Kept warm in retrieval, so it stays secure.

On track
Carried into next period at the same pace.

Emerging
Leads next period, marked to the band descriptors weekly.

PROGRESS REPORT

05

The Error Log

Every lost mark is logged by type. Each month the top two patterns become the targets.

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Patterns found, and patterns closed

Logged Every lost mark, sorted by type → **Read monthly** Coach first, then the Director → **Top two targeted** Drilled every session → **Closed** Absent from three papers in a row

PERIOD 2 TARGETS

CLOSED · PRECISION

Sign errors when expanding

Brackets checked line by line

CLOSED · PRECISION

Exact values lost to decimals

Surds and π kept to the last line

PERIOD 3 TARGETS

CLOSED · METHOD

Chain rule left incomplete

Inner derivative written first

CLOSING · EXPRESSION

Domain not stated

Gone from two of the last three papers

NEW TARGETS FOR JUNE

OPEN · EXPRESSION

Steps skipped on 4 mark questions

Five of the nine marks lost per paper this period

OPEN · TIMING

Rushing the last two questions

Careless slips in the final minutes

THE TREND

Marks lost per timed paper fell from 19 in February to 9 now. Three of four past targets are closed, and the new ones are about how answers are set out, which is where a Band 6 is decided.

MARKS LOST PER PAPER, BY TYPE, THIS PERIOD



Nine marks lost per timed paper on average, sorted into the six Error Log types. Example data.

PROGRESS REPORT

06

The Course Map

All 20 topics in Year 11 Mathematics Advanced, coloured by where Leo stands on each.

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The course, topic by topic

12 secure	4 developing	4 to come

Functions	Algebraic techniques	Linear and quadratic functions	Cubics and polynomials	Inverse functions	Circles and relations
Trigonometry	Trig ratios and sine rule	NEW Radians and arc length	NEW Trig identities	Trig equations	
Calculus	First principles	NEW Differentiation rules	Product, quotient, chain	Tangents and normals	Rates of change
Exponentials and logs	Index laws	Log laws	Exponential equations		
Statistics	Probability rules	Discrete distributions	Expected value, variance		

Gold tags mark the three topics made secure this period. Calculus has the most still developing, so it leads the next plan.

PROGRESS REPORT

07

Strengths and Growth

What to build on, what to work on, and the plan for each growth area.

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A balanced view of the learner

STRENGTHS SHOWN	GROWTH AREA	THE PLAN
Fluent algebra. Rearranges and simplifies quickly and accurately.	**Working on 4 mark questions**	Every line written, and marked to the band descriptors each week
Asks why. Wants to know why a method works, not only how.	**Combining calculus rules**	A mixed set of product, quotient and chain rule questions weekly
Persistent. Stays with a hard question instead of skipping it.	**Pacing the last questions**	A time check at the halfway mark on every timed paper
Finishes with time to spare, but slips in the last two questions.	**Explaining in words**	One “explain why” question rewritten each session

WINS THIS PERIOD

78%
Term 1 task, up from 71% in Year 10

86%
Best timed paper of the year

Zero
Sign errors in three papers running

10 min
Spare at the end of a full paper

PROGRESS REPORT

08

Homework and Engagement

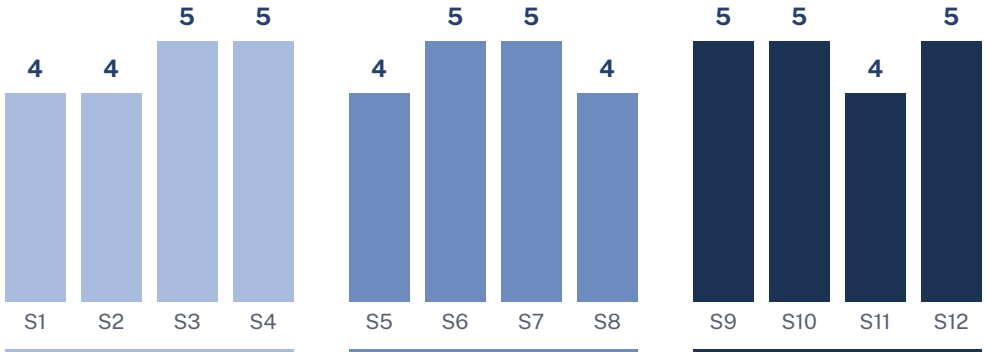
Every session scored for engagement, and every set task tracked to completion.

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Twelve sessions, all attended

ENGAGEMENT BY SESSION, OUT OF 5



THIS PERIOD

4.8

▲ 0.3

HOMEWORK COMPLETED

February	94%
March	92%
May	96%

Homework dipped in March and recovered straight after.

THIS PERIOD'S SET WORK

Differentiation sets A to C	COMPLETE
Trig identities booklet	COMPLETE
Two timed half papers	COMPLETE
Rewrite of 4 mark answers	REDRAFTING

PROGRESS REPORT

09

The Path Ahead

The next four weeks, and where they sit in the year.

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Our plan for June

WEEK BY WEEK

WEEK 1
Product and quotient rules

→

WEEK 2
Chain rule in mixed sets

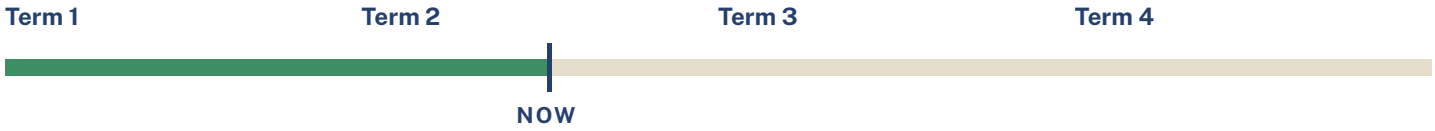
→

WEEK 3
Log laws and equations
Task 2 and an extra session

→

WEEK 4
Timed half paper, then the monthly review

THE YEAR AT A GLANCE



Task 1: 78%
Up from 71% in Year 10

Task 2, week 8
Target 85%

Yearly exam
Calculus secure

Year 12 course
On a Band 6 path

WORKING SHOWN
60% → 75%

TOPICS SECURE
12 → 14 of 20

TIMED PAPERS
81% → 85%

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10

Coach Notes

How to support at home, and why small daily habits work.

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How to support at home

1

Ten questions a day

Short daily practice on older topics beats one long weekend session.

2

Ask him to explain it

One solution talked through aloud after each session.

3

Same place, same time

A predictable study time lowers the friction of starting.

4

Ask about the working

Not just the answer. It is where the marks are this term.

WHY IT WORKS

64%

Better final recall when study is spaced out, compared with no gap between sessions. 1,354 participants.

Cepeda, Vul, Rohrer, Wixted and Pashler (2008), Psychological Science.

NEXT STEPS

The June period starts on 1 June. The next report follows the monthly review in week 4, and the termly report, signed off by the Director, arrives with the reissued plan at the end of Term 2.

Edward Ma

DIRECTOR, MA99 EDUCATION

Questions are always welcome. A new report follows the close of each period.