

RoSA, HSC & SENIOR SECONDARY OUTCOMES

The Record of School Achievement (RoSA) Stage 5

In 2023, 93 students satisfied the requirements of the Stage 5 RoSA. A number of Stage 5 200 hour subjects continued including Geography Elective, History Elective 200 hours and Visual Arts 200 hours.

Students in the vast majority of subjects achieved a higher percentage of combined A and B grades compared to the State.

Table 1

2023 Stage 5 School versus State Grading Comparison – % 'A' & 'B' Grades				
Subject	A grades		B grades	
	Macarthur	State	Macarthur	State
English	18.63	12.27	35.29	29.25
Mathematics	15.69	14.95	37.25	22.13
Science	14.71	13.04	34.31	24.24
Australian Geography	22.55	15.11	37.25	28.89
Commerce 100 hours	26.32	20.53	45.61	32.20
Geography Elective 100 hours	12.50	33.17	37.50	34.93
Geography Elective 200 hours	46.15	49.20	38.46	28.36
History Elective 100 hours	22.58	23.11	45.16	33.07
History Elective 200 hours	21.62	31.84	48.65	32.13
Mandatory History 100 hours	15.69	14.62	49.02	28.25
Indonesian 200 hours	35.29	40.34	47.06	31.93
Agricultural Technology 100 hours	41.18	10.36	41.18	24.16
Design & Technology 100 hours	22.22	21.41	22.22	31.32
Information Software Technology 100 hours	27.78	23.70	38.89	32.06
Drama 100 hours	11.11	20.02	55.56	36.56
Music 100 hours	18.75	15.12	37.50	28.05
Visual Arts 100 hours	10.00	19.38	50.00	33.01
Visual Arts 200 hours	14.71	28.14	52.94	34.15
Personal Development, Health, PE 200 hours	20.59	12.74	47.06	34.41

Preliminary HSC

In 2023, 98 students satisfied the requirements of the Preliminary HSC. The Preliminary results indicated that most subjects have a higher percentage of A and B grades compared to the State.

2023 Preliminary HSC School vs State Grading Comparison – % 'A' & 'B' Grades				
	A grades		B grades	
Subject	Macarthur	State	Macarthur	State
EAL/D	-	9.76	-	29.63
English Advanced	18.89	20.64	46.67	45.68
English Extension I	45.83	40.58	50.00	42.78
English Standard	28.57	4.29	42.86	26.11
Mathematics Extension	22.22	28.54	22.22	29.88
Mathematics Standard 2	19.05	8.52	30.95	21.72
Mathematics Advanced	8.93	25.59	39.29	27.49
Biology	22.50	12.69	40.00	27.32
Chemistry	27.27	17.42	31.82	28.56
Earth and Environmental Science	25.00	11.08	50.00	27.71
Physics	14.29	16.94	33.33	28.35
Ancient History	27.27	15.31	27.27	27.56
Business Studies	10.26	12.51	43.59	28.49
Economics	20.00	20.96	53.33	33.05
Geography	54.55	18.78	36.36	31.97
Legal Studies	25.00	17.15	25.00	28.18
Modern History	30.00	16.50	30.00	30.45
Society and Culture	66.67	16.80	11.11	31.69
Studies of Religion 1	25.93	13.55	40.74	32.41
Studies of Religion 2	50.00	15.00	50.00	35.37
Indonesian Continuers	100.00	43.59	-	30.77
Agriculture	16.67	20.48	66.67	24.47
Design and Technology	20.00	20.99	46.67	32.12
Software Design and Development	27.27	21.85	27.27	29.56
Textiles and Design	14.29	22.14	28.57	32.02
Drama	37.50	30.38	62.50	36.38

Music 1	50.00	20.45	50.00	35.08
Music 2	-	-	-	-
Visual Arts	37.50	21.43	50.00	35.02
PDHPE	7.32	11.66	39.02	26.30

The Higher School Certificate

In 2023, Macarthur Anglican School presented 108 students for the Higher School Certificate. Thirty-seven subjects were presented at Macarthur in 2023. 107 students fulfilled the requirements to gain a Higher School Certificate and an Australian Tertiary Admission Rank (ATAR). The School did not present any subjects that could not be used for the purpose of gaining an ATAR.

Macarthur was ranked 110th overall out of over 800 schools which had candidates sit the HSC in 2023 and was the top-scoring school in the region. Macarthur was ranked 49th out of all NSW Independent Schools.

Of the 108 students who sat the HSC, 94 Distinguished Achievement results were recorded on the NESA HSC Honour Roll for Students who attained a Band 6 or Band E4 Extension results.

10% of students who presented for the HSC in 2023 attained ATARs of 95 and over. 26% of students received an ATAR of 90 or higher. 48% of students received an ATAR of 80 or higher. 77% of students received an ATAR of 70 or higher.

Table 3	2023	2022	2021	2020	2019
Students who achieved a Band 6 result	25%	38%	40%	44%	60%
Students who achieved a Band 5 result or above	88%	85%	90%	85.4%	89%

Joel Braatz was the Dux for 2023. Joel achieved an ATAR of 99.60. Joel is studying a combined degree in Engineering and Law at Sydney University.

Mithula Gunawardena (ATAR 98.75), along with Lorenzo Lombardo (ATAR 99.50) and Sakura Murakami (ATAR 95.75) were recognised as 'All Rounders' for attaining Band 6/E4 results in at least 10 units.

Macarthur was ranked 90th in the State for the number of students who achieved Band 6 or E4 results in at least 10 units.

Top Achievers

- Justine Fowler received 1st in the State for Indonesian Extension
- Lorenzo Lombardo received 6th in the State for Geography
- Joel Braatz received 6th in the State for Software Design & Development

Student Work Selected for Statewide Recognition

Yitong (Betty) Liu and Yuqi (Andy) Zheng were nominated for HSC 'ART Express' (Visual Arts) showcase, Jessica Overton and Charlotte Rixon were nominated for HSC 'OnSTAGE' (Drama), Harry Fowler and Lorenzo Lombardo were nominated for HSC 'SHAPE' (Design & Technology), and Shiqi (Gardenia) Zeng was nominated for HSC 'SHAPE' (Textiles & Design).

Mean, Median, Highest Year 12 ATAR Results

Table 4	2023	2022	2021	2020	2019
Mean	77.84	78.22	79.25	77.40	81.50
Median	78.60	79.30	80.45	80.20	84.43
Highest	99.60	99.15	99.65	98.90	99.35

Variation from State Mean

Macarthur was more than 5% above the state mean for 36% (13/36) of courses.

Some of these courses included Ancient History (7.21%), Agriculture (8.98%), English as an Additional Language (9.08%), Economics (7.93%), Physics (9.08%), Society and Culture (6.79%), Software Design & Development (9.36%), and Visual Arts (7.64%).

Earth and Environmental Science achieved 19.42% above the state mean.

The percentage of Macarthur students who achieved Band 5 and 6 results exceeded the State in the vast majority of subjects.

Subject	% Band 5 & 6 results at Macarthur	% Band 5 & 6 results in State	School/State Variation
Agriculture	55.55	30.74	24.81
Ancient History	50	32.7	17.3
Biology	48.48	31.98	16.5
Business Studies	32.42	36.08	-3.66
Chemistry	55.55	38.31	17.24
Design & Technology	54.54	47.31	7.23
Drama	100	60.34	39.66
Earth and Environmental Science	100	33.68	66.32
Economics	88.88	48.52	40.36

English Advanced	53.05	67.18	-14.13
EAL/D	25	21.75	3.25
English Extension 1	90	94.4	-4.4
English Extension 2	99.99	85.64	14.35
English Standard 2	0	13.17	-13.17
Geography	70	41.93	28.07
History Extension	100	85.3	14.7
Indonesian Continuers	100	72.91	27.09
Indonesian Extension	80	77.77	2.23
Legal Studies	42.85	42.5	0.35
Mathematics Advanced	53.64	49.79	3.85
Mathematics Extension 1	59.99	71.92	-11.93
Mathematics Extension 2	87.5	85.78	1.72
Mathematics Standard 2	49.01	31.62	17.39
Modern History	40.9	35.1	5.8
Music Extension	0	95.84	-95.84
Music 1	100	68.96	31.04
Music 2	50	85.28	-35.28
Personal Development, Health and Physical Education	37.83	30.98	6.85
Physics	56.25	77.95	-21.7
Science Extension	100	38.94	61.06
Society and Culture	78.25	44.85	33.4
Software Design and Development	57.14	35.3	21.84
Studies of Religion 1	16.66	48.62	-31.96
Studies of Religion 2	57.13	46.16	10.97
Textiles and Design	44.44	51.52	-7.08
Visual Arts	100	65.58	34.42