

## RoSA, HSC & SENIOR SECONDARY OUTCOMES

### The Record of School Achievement (RoSA) Stage 5

In 2021, 106 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**

2021 Stage 5 School versus State Grading Comparison – % 'A' & 'B' Grades				
	A grades		B grades	
Subject	Macarthur	State	Macarthur	State
English	24.35	13.32	39.13	28.80
Mathematics	17.39	15.34	37.39	22.86
Science	9.57	13.24	13.87	24.59
Australian Geography	29.57	15.90	40.00	27.44
Commerce 100 hours	47.06	19.88	39.22	33.27
Geography Elective 100 hours	45.45	32.60	45.55	32.21
Geography Elective 200 hours	23.81	41.15	52.38	38.13
History Elective 100 hours	33.33	23.21	22.22	31.04
History Elective 200 hours	22.45	33.14	59.18	31.05
Mandatory History 100 hours	20.00	15.04	46.09	27.45
Indonesian 200 hours	38.10	46.31	38.10	14.46
Agricultural Technology 100 hours	34.13	8.49	43.48	23.76
Design & Technology 100 hours	25.00	26.14	43.75	30.87
Information Software Technology 100 hours	41.44	21.70	32.26	30.08
Drama 100 hours	46.67	34.12	26.67	30.30
Music 100 hours	34.62	13.30	34.62	28.57
Visual Arts 100 hours	18.75	17.75	50.00	30.57
Visual Arts 200 hours	29.17	78.68	41.67	32.88
Personal Development, Health, PE 200 hours	41.74	14.50	51.30	32.03

## Preliminary HSC

In 2021, 81 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.

2020 Preliminary HSC School vs State Grading Comparison – % 'A' & 'B' Grades				
Subject	A grades		B grades	
	Macarthur	State	Macarthur	State
EAL/D	25.00	11.10	75.00	27.50
English Advanced	32.43	23.94	33.78	44.47
English Extension 1	31.25	43.75	40.55	39.69
English Standard	-	5.17	33.33	27.56
Mathematics Extension	30.00	30.57	35.00	32.39
Mathematics Standard 2	25.00	9.57	27.50	23.43
Mathematics Advanced	22.50	27.03	45.00	29.74
Biology	17.65	15.37	44.12	29.59
Chemistry	34.78	18.63	34.78	30.73
Earth and Environmental Science	33.33	12.01	16.67	29.37
Physics	12.50	18.05	43.75	30.62
Ancient History	-	18.42	100.00	27.63
Business Studies	17.45	14.97	33.33	30.16
Economics	-	24.63	80.00	35.60
Geography	-	20.32	50.00	31.86
Legal Studies	31.58	19.96	52.63	29.62
Modern History	21.74	19.32	65.22	29.86
Society and Culture	30.00	20.58	41.67	31.91
Studies of Religion 1	33.33	16.30	33.33	32.43
Studies of Religion 2	25.00	19.06	25.00	35.92
Indonesian Continuers	37.50	32.76	62.50	37.93
Agriculture	38.46	21.01	46.15	26.86
Design and Technology	16.67	21.97	50.00	30.35
Software Design and Development	40.00	26.43	40.00	28.98
Textiles and Design	-	24.03	80.00	30.42
Drama	50.00	31.93	50.00	36.23
Music 1	50.00	33.33	22.08	33.84
Music 2	50.00	50.50	52.70	32.64
Visual Arts	33.33	50.00	24.00	34.04
PDHPE	19.35	54.84	15.01	29.09

## The Higher School Certificate

In 2021, Macarthur Anglican School presented 98 students for the Higher School Certificate and 1 student for the Life Skills Higher School Certificate. Thirty- subjects were presented at Macarthur in 2021. All 98 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. However, there were 5 Life Skills subjects presented which did not contribute to that 1 student's ATAR.

Macarthur was ranked 84<sup>th</sup> overall out of over 800 schools which had candidates sit the HSC in 2021 and was the top-scoring school in the region (SMH 20/1/2021). This placed Macarthur in the top 10% of Schools. Macarthur was ranked 42nd out of all NSW Independent Schools.

<https://bettereducation.com.au/Results/HscIndependentSchoolResults.aspx>

Of the 98 students who sat the HSC, 107 Distinguished Achievement results were recorded on the NESA HSC Honour Roll for Students who attained a Band 6 or Band E4 Extension results.

17% of students who presented for the HSC in 2021 attained ATARs of 95 and over. 22% of students received an ATAR of 90 or higher. 52% of students received an ATAR of 80 or higher. 77% of students received an ATAR of 70 or higher.

<b>Table 3</b>	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>
Students who achieved a Band 6 result	40%	44%	60%	41%	32%
Students who achieved a Band 5 result or above	90%	85.4%	89%	35%	82%

Arnav Gupta was the Dux for 2021. Arnav achieved an ATAR of 99.65. Arnav is studying a combined degree in Civil Engineering and Architecture.

Reuben Gomez (ATAR 96.35), along with Arnav Gupta, Laura Whitelaw (ATAR 98.45 ) and Amelia Wood (ATAR 98.75 ) 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. <https://bettereducation.com.au/results/HscAllRounder.aspx?yr=2019>

Arnav Gupta achieved 7<sup>th</sup> place in the State for English Advanced.

### Student Work Selected for Statewide Recognition

Jonathan Lim was nominated for HSC 'ART Express (Visual Arts) showcase, Zoe Byatt was nominated for HSC 'TEXStyle' (Textiles & Design) and Ethan Byatt was nominated for HSC 'OnSTAGE' (Drama).

## Mean, Median, Highest Year 12 ATAR Results

<b>Table 4</b>	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>
Mean	79.25	77.40	81.50	74.21	75.59
Median	80.45	80.20	84.43	79.43	76.25
Highest	99.65	98.90	99.35	99.7	99.35

### Variation from State Mean

For the vast majority of subjects, the results were well above the State Average. Subjects where students achieved greater than 10% above the state mean, included Agriculture (10.55%), Ancient History (17.64%), Geography (11.85%) & Society & Culture (10.03%).

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	81.56	71.01	10.55
Ancient History	88.70	71.06	17.64
Biology	78.77	73.38	5.39
Business Studies	80.59	73.32	7.27
Chemistry	78.81	74.37	4.44
Design & Technology	82.79	79.11	3.68
Drama	81.15	78.70	2.45
Earth and Environmental Science	73.47	72.02	1.45
Economics	81.50	77.66	3.84
English Advanced	80.83	81.92	-1.09
EAL/D	75.02	70.41	4.61
English Extension 1	41.86	42.07	-0.21
English Extension 2	37.99	39.56	-1.57
English Standard 2	70.70	70.47	-0.23

Geography	87.60	75.75	11.85
History Extension	39.42	38.69	0.73
Indonesian Continuers	86.90	77.74	9.16
Indonesian Extension	41.40	40.96	0.44
Legal Studies	80.16	74.72	5.44
Mathematics Advanced	81.04	78.41	2.63
Mathematics Extension 1	76.38	78.21	-1.83
Mathematics Extension 2	82.75	83.07	-0.32
Mathematics Standard 2	76.95	69.15	7.80
Modern History	78.83	72.85	5.98
Music Extension	44.30	44.47	-0.17
Music 1	90.78	81.34	9.44
Music 2	86.30	87.57	-1.27
Personal Development, Health and Physical Education	81.09	72.19	8.90
Physics	82.66	75.34	7.32
Science Extension	38.20	37.05	1.15
Society and Culture	86.91	76.88	10.03
Software Design and Development	83.25	74.15	9.10
Studies of Religion 1	38.00	37.38	0.62
Studies of Religion 2	79.80	75.86	3.99
Textiles and Design	79.54	78.39	1.15
Visual Arts	89.98	80.99	8.99