

RoSA, HSC & SENIOR SECONDARY OUTCOMES

The Record of School Achievement (RoSA) Stage 5

In 2020, 87 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

2020 Stage 5 School versus State Grading Comparison – % 'A' & 'B' Grades

Subject	A grades		B grades	
	Macarthur	State	Macarthur	State
English	16.47	12.81	50.59	28.52
Mathematics	17.86	15.35	39.29	22.24
Science	21.18	13.24	34.12	24.59
Australian Geography	27.85	14.35	41.35	27.29
Commerce 100 hours	42.11	18.79	36.84	30.89
Geography Elective 100 hours	7.06	15.36	42.35	27.82
Geography Elective 200 hours	23.81	51.93	28.57	30.82
History Elective 100 hours	5.88	23.61	58.82	30.97
History Elective 200 hours	37.93	32.66	48.28	32.76
Mandatory History 100 hours	14.12	15.05	52.94	27.28
Indonesian 200 hours	30.77	34.83	42.31	28.09
Agricultural Technology 100 hours	33.33	11.49	61.11	22.88
Design & Technology 100 hours	14.29	25.92	10.71	27.88
Information Software Technology 100 hours	28.00	18.87	44.00	30.34
Drama 100 hours	20.00	19.96	70.00	33.58
Music 100 hours	9.09	14.51	54.55	25.89
Visual Arts 100 hours	31.25	17.09	43.75	32.86
Visual Arts 200 hours	22.22	28.10	33.33	32.96
Personal Development, Health, PE 200 hours	27.71	13.93	61.45	32.54

Preliminary HSC

In 2020, 102 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	22.22	11.03	33.33	25.85
English Advanced	44.44	21.18	42.22	43.78
English Extension I	64.00	39.61	36.00	41.74
English Standard	-	4.45	-	25.94
Mathematics Extension	22.22	28.64	62.96	27.68
Mathematics Standard 2	7.32	7.72	31.71	20.91
Mathematics Advanced	22.03	24.72	44.07	25.86
Biology	17.24	12.64	48.28	27.01
Chemistry	30.00	16.36	35.00	27.22
Earth and Environmental Science	12.50	11.30	12.50	25.15
Physics	5.00	16.01	40.00	27.78
Ancient History	33.33	16.08	33.33	26.38
Business Studies	10.78	13.61	52.17	28.35
Economics	15.38	23.97	30.77	33.56
Geography	54.55	19.21	45.45	31.41
Legal Studies	28.57	16.75	61.90	27.91
Modern History	25.00	17.13	35.00	28.87
Society and Culture	27.59	17.18	55.17	30.74
Studies of Religion I	17.24	14.80	27.59	30.68
Studies of Religion 2	20.00	16.30	60.00	34.22
Indonesian Continuers	66.67	32.50	33.33	41.25
Agriculture	50.00	17.21	50.00	25.64
Design and Technology	30.00	19.92	35.00	29.17
Software Design and Development	28.57	19.54	42.86	26.35
Textiles and Design	10.00	24.02	60.00	31.96
Drama	45.45	28.09	27.27	37.26
Music I	36.36	20.24	54.55	35.54
Music 2	100.00	50.51	-	33.41
Visual Arts	18.18	21.98	63.64	33.58
PDHPE	31.03	13.83	65.52	27.73

The Higher School Certificate

In 2020, Macarthur Anglican School presented 84 students for the Higher School Certificate. Thirty-subjects were presented at Macarthur in 2020. All 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 78th overall out of over 800 school which had candidates sit the HSC in 2020 and was the top scoring school in the region (SMH 17/12/2020). This placed Macarthur in the top 10% of Schools. Macarthur was ranked 38th out of all NSW Independent Schools.

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

Of the 84 students who sat the HSC, 92 Distinguished Achievement results were recorded on the NESA HSC Honour Roll for Students who attained a Band 6 or Band E4 Extension result.

13% of students who presented for the HSC in 2020 attained ATARs of 95 and over. 29% of students received an ATAR of 90 or higher. 41% of students received an ATAR of 85 or higher. 50% of students received an ATAR of 80 or higher. 66% of students received an ATAR of 70 or higher.

Table 3	2020	2019	2018	2017	2016
Students who achieved a Band 6 result	44%	60%	41%	32%	35%
Students who achieved a Band 5 result or above	85.4%	89%	35%	82%	75%

Ahlana Sklenar was the Dux for 2020. Ahlana achieved an ATAR of 98.90. Ahlana is studying Advanced Science at ANU.

Jayden Taylor (ATAR 98.80), along with Aislinn D'Arcy (ATAR 98.50) were recognised as 'All Rounders' for attaining Band 6/E4 results in at least 10 units. James White (ATAR 98.75) achieved a Band 6 in 9 units studied.

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>

Jade Errington achieved 13th place in the State for Mathematics Standard 2.

Student Work Selected for Statewide Recognition

Thomas Mackie was nominated for HSC 'Shape' (Design & Technology) showcase, Daniel Kokic was nominated for HSC 'ENCORE' (Music 1 - Musicology) and Jonathan Kennedy was nominated for HSC 'OnSTAGE' (Drama monologue).

In 2020 two accelerated students (in Year 10 and Year 11 cohort for 2020) studied and completed Mathematics Extension 1 and Mathematics Extension 2 at the HSC level.

Peter Cruz (Year 10)	Mathematics Extension 1 (94%)
	Mathematics Extension 2 (89%)
Arnav Gupta (Year 11)	Mathematics Extension 1 (90%)

Mean, Median, Highest Year 12 ATAR Results

	2020	2019	2018	2017	2016
Mean	77.40	81.50	74.21	75.59	72.9
Median	80.20	84.43	79.43	76.25	74.3
Highest	98.90	99.35	99.7	99.35	98.15

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 Geography (11.39%), Ancient History (10.50%) and Personal Development, Health and Physical Education (10.48%)

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	79.96	72.61	7.35
Ancient History	82.60	72.10	10.50
Biology	74.56	72.39	2.17
Business Studies	80.04	71.99	8.05
Chemistry	80.83	75.52	5.31
Design & Technology	76.57	78.54	-1.97
Drama	82.36	79.62	2.74
Earth and Environmental Science	76.30	71.75	4.55
Economics	77.92	77.02	.90
English Advanced	79.62	81.33	-1.71
EAL/D	76.60	70.27	6.33
English Extension 1	41.84	41.66	.18
English Extension 2	42.34	39.43	2.91
English Standard 2	66.96	69.93	-2.97
Geography	85.84	74.45	11.39
History Extension	39.80	38.36	1.44
Indonesian Continuers	86.84	81.47	5.37
Indonesian Extension	38.56	40.59	-2.03

Legal Studies	81.02	74.97	6.05
Mathematics Advanced	84.40	79.20	5.20
Mathematics Extension 1	81.48	78.49	2.99
Mathematics Extension 2	86.50	81.46	5.04
Mathematics Standard 2	75.62	68.40	7.22
Modern History	76.94	72.53	4.41
Music Extension	45.90	45.10	.80
Music 1	88.55	81.56	6.99
Music 2	84.67	87.03	-2.36
Personal Development, Health and Physical Education	82.94	72.46	10.48
Physics	83.36	73.99	9.37
Science Extension	41.10	37.04	4.06
Society and Culture	85.12	76.78	8.34
Software Design and Development	82.36	73.82	8.54
Studies of Religion 1	37.06	37.69	-.63
Studies of Religion 2	71.15	75.50	-4.35
Textiles and Design	77.80	79.78	-1.98
Visual Arts	84.20	81.02	3.18