



Year 3 Numeracy

Band	Numeracy	
	National %	M.E.T. %
6	14	15
5	20	23
4	27	23
3	22	24
2	11	10
1	4	4

Summary of Year 3 Results

- In Grammar and Punctuation, 55% of M.E.T. School students scored in the top two bands compared to 47% of the national cohort
- Year 3 Spelling reflects a need for targeted improvement when compared to 2014 results in this domain.

Year 5 Literacy

Band	Reading		Writing		Spelling		Grammar & Punctuation	
	National %	M.E.T. %	National %	M.E.T. %	National %	M.E.T. %	National %	M.E.T. %
6	15	18	4	7	12	11	16	22
5	19	24	15	19	21	32	20	28
4	24	29	33	34	28	25	25	31
3	22	21	28	32	22	22	21	11
2	13	8	12	5	11	8	11	7
1	5	1	6	2	5	3	5	2

Year 5 Numeracy

Band	Numeracy	
	National %	M.E.T. %
6	10	14
5	18	26
4	28	21
3	27	31
2	13	9
1	3	0

Summary of Year 5 Results

- Performed well in Grammar and Punctuation with 48% represented in the top two Bands compared to 36% of the national cohort.
- Similarly, results were favorable in Numeracy with 40% of Year Five achieving in the top two Bands compared with 28% in the national cohort.

KEY ACHIEVEMENTS AND DEVELOPMENTS - ACADEMIC

Student outcomes in standardised national literacy and numeracy testing

NAPLAN

The following charts summarise a very pleasing overall set of results achieved by our students in the 2015 National Assessment Program. These are an important indicator of student academic achievement at key stages in a student's school journey: Years 3, 5, 7 and 9. Students at M.E.T. School performed above their State cohorts in a range of areas. Such data provides a wealth of information which allows the School to continually improve the quality of its academic programs by celebrating and maintaining areas of strength and identifying areas requiring additional resources and/or new approaches. A thorough process of analysis is also undertaken each year with a view to more appropriately catering for individual student needs, as well as informing the learning and teaching and strategic planning processes. These are an expression of the School's ongoing commitment to continuous improvement.

Year 3 Literacy

Band	Reading		Writing		Spelling		Grammar & Punctuation	
	National %	M.E.T. %	National %	M.E.T. %	National %	M.E.T. %	National %	M.E.T. %
6	27	22	16	10	20	19	27	30
5	21	24	31	39	21	16	20	22
4	23	27	29	25	24	27	21	30
3	16	15	15	21	18	22	14	12
2	7	7	5	5	10	11	7	6
1	4	5	3	0	5	5	4	5

Year 7 Literacy

Band	Reading		Writing		Spelling		Grammar & Punctuation	
	National %	M.E.T. %	National %	M.E.T. %	National %	M.E.T. %	National %	M.E.T. %
6	10	15	4	5	10	12	11	28
5	18	24	12	16	21	29	18	14
4	28	37	24	22	30	28	27	24
3	26	20	30	32	22	21	24	28
2	12	4	18	20	11	6	13	4
1	3	0	11	5	5	4	6	2

Year 7 Numeracy

Band	Numeracy	
	National %	M.E.T. %
6	10	16
5	16	24
4	27	28
3	29	27
2	14	5
1	2	0

Summary of Year 7 Results

- In Grammar and Punctuation 40% were placed in the top two Bands compared with 29% in the national cohort.
- Numeracy was an area of strong achievement with 40% of Year 7 M.E.T. students in the top two Bands compared with 26% of the national cohort.

Year 9 Literacy

Band	Reading		Writing		Spelling		Grammar & Punctuation	
	National %	M.E.T. %	National %	M.E.T. %	National %	M.E.T. %	National %	M.E.T. %
6	6	10	4	6	8	10	5	3
5	15	22	10	10	16	29	12	17
4	26	30	20	26	27	28	24	33
3	28	23	25	25	15	18	29	31
2	17	13	22	17	14	10	20	10
1	6	0	18	14	8	4	9	4



Year 9 Numeracy

Band	Numeracy	
	National %	M.E.T. %
6	9	10
5	15	25
4	27	34
3	30	24
2	15	6
1	3	0

Summary of Year 9 Results

- Numeracy results reflect an area of strength for Year 9 M.E.T. students with 35% in the top two Bands compared with 24% of the national cohort.
- Spelling results show 39% of Year 9 students represented in the top two Bands compared to 24% in the national cohort.

Records of School Achievement

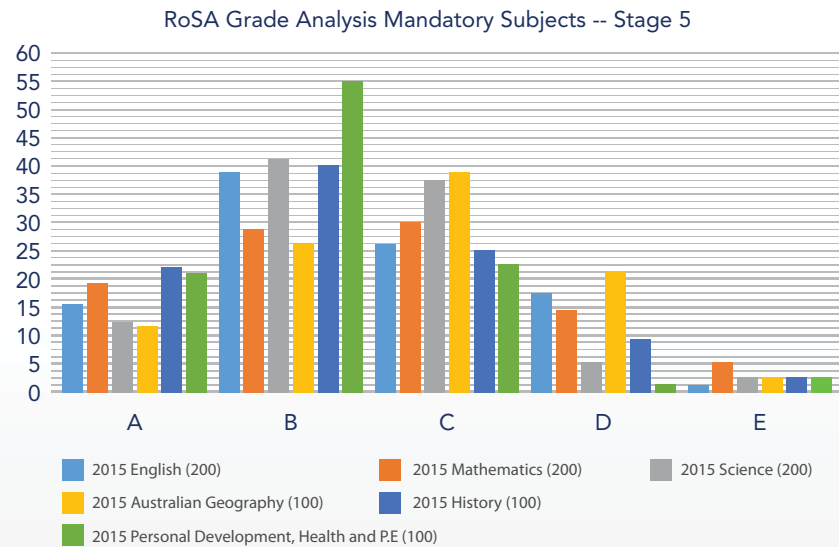
RoSA GRADES- STAGE 5

M.E.T. School is a non-selective school which continues towards building a reputation for excellent academic achievement across all cohorts. Our Foundation Statements, School Goals and our Learning to Learn Teaching and Learning framework continue to provide the blueprint for our academic success. The continued growth of an academic mentoring culture, our small class sizes, the professional and engaging teaching and learning across a broad range of subjects support our academic framework. Pivotal to the success of our model is the effective use of technology and a student self-directed learning growth mindset.

The Record of School Achievement (RoSA) is the cumulative credential, with grades given in Years 10 and 11. A student who leaves school before completing their HSC will receive this credential listing these grades.

There were no RoSA credentials issued by the Board of Studies Teaching and Educational Standards to M.E.T. School students in 2015 as all of our students proceeded to complete their HSC.

The table below shows the summary of grades for the mandatory curriculum for Stage 5 2015.

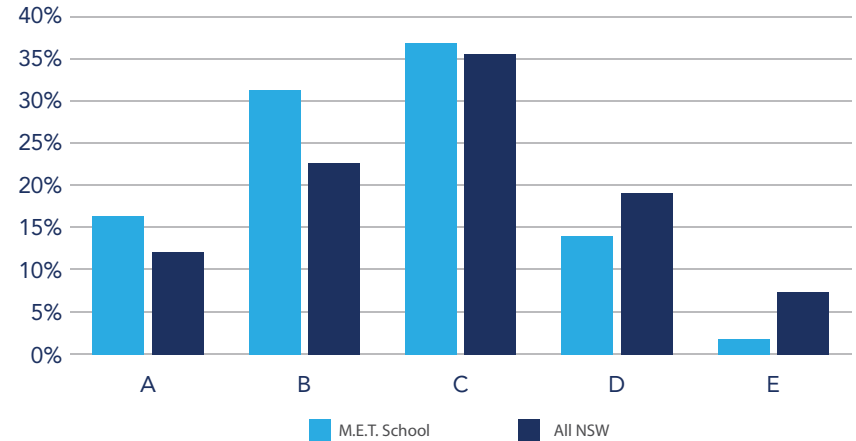


For the Record of School Achievement Year 10 students were awarded a grade in each of their subjects based on their performance in a wide range of assessment tasks held throughout the course. Course Performance Descriptors and work samples were used to provide consistent teacher judgments across the school. Students who study an elective for either Year 9 or Year 10 are credited with 100 hours of study and students who study an elective for both Year 9 and 10 are credited with 200 hours.

The graph below indicates the percentage of the M.E.T. School candidature for each course who achieved each grade A-E. A comparison with the state-wide average being provided.

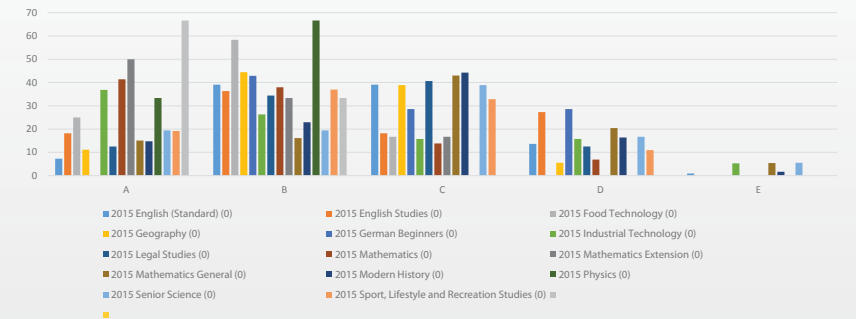
RoSA Grades Stage 6 Preliminary

2015 - Stage 6 HSC - M.E.T. School and State Comparison



For the Record of School Achievement in Year 11 students were awarded a grade for each of the Preliminary Courses satisfactorily completed. The grades were determined based on their performance in a wide range of assessment tasks held throughout the course. The Preliminary HSC Performance Descriptors and work samples were used to provide consistent teacher judgements.

Grade Analysis



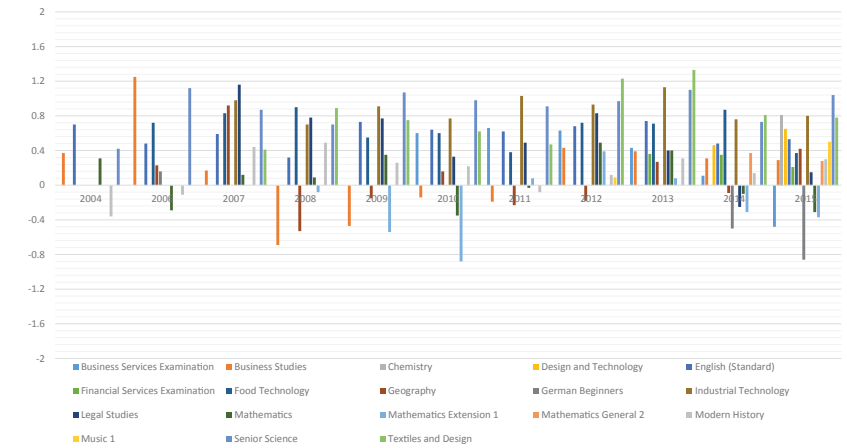
With Mathematics and Science plus courses containing a practical component, such as Industrial Technology, Textiles and Design and Food Technology there were a high percentage of students awarded A and B standards relative to the State.

With small candidature courses there was a limited number of students achieving an A standard. Our pattern of grading did not reflect the state-wide percentages for these courses.

Course	School	A%	B%	C%	D%	E%	State	A%	B%	C%	D%	E%
Business Studies		10.14	34.78	43.47	10.14	1.44		13.31	27.70	35.60	16.37	6.28
Design and Technology			33.33	33.33	33.33			16.89	27.91	32.84	15.69	5.91
English Standard		7.27	39.09	39.09	13.63	0.90		2.94	18.68	46.95	23.68	6.85
English Studies		18.13	36.36	18.18	27.27			5.48	19.82	37.37	23.06	11.07
Food Technology		25.00	58.33	16.66				13.99	26.68	33.54	17.32	6.82
Geography		11.11	44.44	38.88	5.55			18.31	28.59	33.68	14.01	4.71
German beginners			42.85	28.57	28.57			17.97	33.70	28.65	17.41	2.24
Industrial Technology		36.84	26.31	15.78	15.78	5.26		9.87	24.88	34.85	20.00	8.30
Legal Studies		12.50	34.37	40.62	12.50			16.23	27.35	32.09	16.89	6.76
Mathematics		41.37	37.93	13.79	6.89			25.12	25.82	29.42	15.11	4.36
Mathematics Extension		50.00	33.33	16.66				25.80	27.57	28.16	14.24	4.16
Mathematics General		15.05	16.12	43.01	20.43	5.37		7.50	19.92	34.25	25.49	11.60
Modern History		14.75	22.95	44.26	16.39	1.63		18.36	30.16	32.08	14.02	4.63
Physics		33.33	66.66					16.74	26.31	35.21	16.34	5.16
Senior Science		19.44	19.44	38.88	16.66	5.55		5.60	21.23	38.00	23.24	10.11
Sport, Lifestyle and Rec		19.17	36.98	32.87	10.95			10.80	28.00	35.50	16.88	7.19
Textiles and Design		66.66	33.33					22.33	30.44	27.09	13.62	5.10

The Higher School Certificate

Z-score Analysis



Over the past five years the M.E. T. School Z –score results have shown improvement for the majority of subjects 2011-2015	2011	2012	2013	2014	2015
Business Studies	0.19	0.43	0.39	0.31	0.29
Business Services Examination	0.66	0.63	0.43	0.11	-0.48
Chemistry					0.81
Design and Technology				0.46	0.65
English (Standard)	0.62	0.68	0.74	0.48	0.53
Financial Services Examination			0.36	0.35	0.21
Food Technology	0.38	0.72	0.71	0.87	0.37
Geography	0.23	0.18	0.27	0.09	0.42
Industrial Technology	1.03	0.93	1.13	0.76	0.80
Legal Studies	0.49	0.83	0.40	0.25	0.15
Mathematics	0.03	0.49	0.40	0.10	-0.31
Mathematics General 2				0.37	0.28
Mathematics Extension 1	0.08	0.39	0.08	0.31	-0.37
Modern History	0.08	0.12	0.31	0.14	0.30
Music 1		0.09			0.50
Senior Science	0.91	0.97	1.10	0.73	1.04
Textiles and Design	0.47	1.23	1.33	0.81	0.78
German Beginners				-0.50	-0.86

School v State Band Analysis

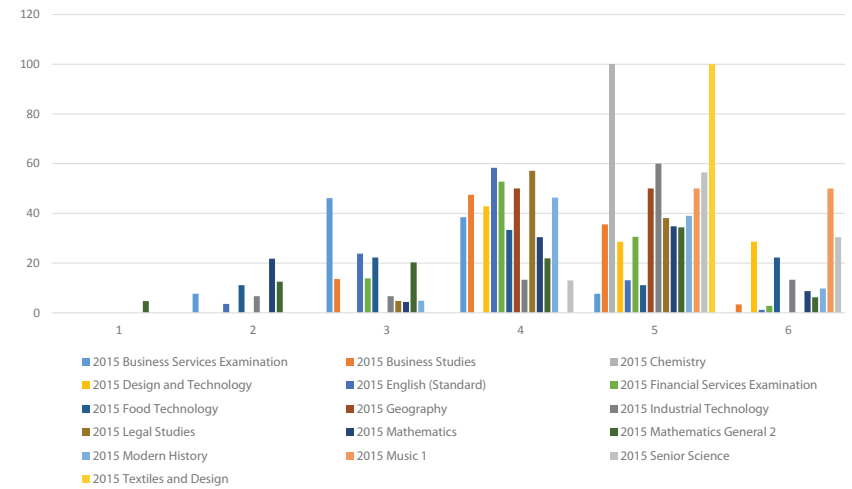
Course	School	6	5	4	3	2	1	State	6	5	4	3	2	1
Business Studies		3.38	35.59	47.45	13.55	-	-		8.38	27.50	30.00	21.58	8.46	2.85
Chemistry			100						10.72	30.33	32.24	19.85	4.76	1.70
Design and Technology		28.57	28.57	42.85	-	-	-		11.55	24.43	42.43	16.13	4.45	0.37
English (Standard)		1.19	13.09	58.33	23.80	3.57	-		0.37	7.94	33.84	42.00	11.94	3.28
Food Technology		22.22	11.11	33.33	22.22	11.11	-		8.08	20.29	26.89	22.01	16.08	4.36
Geography		-	50.00	50.00	-	-	-		8.51	32.79	24.95	20.45	8.47	4.06
Industrial Technology		13.33	60.00	13.33	6.66	6.66	-		8.26	18.26	28.27	23.79	14.96	5.70
Legal Studies		-	38.09	57.14	4.76	-	-		10.62	29.50	27.80	20.95	7.36	2.59
Mathematics General 2		6.25	34.37	21.87	20.31	12.50	4.68		5.60	20.04	24.42	24.13	17.40	7.43
Mathematics		8.69	34.78	30.43	4.34	21.73	-		19.63	32.68	28.38	9.79	6.12	3.09
Modern History		9.75	39.02	46.34	4.87	-	-		11.47	32.18	28.27	17.45	6.23	3.46
Music 1		50.00	50.00	-	-	-	-		16.71	45.13	26.62	9.01	1.70	0.23
Senior Science		30.43	56.52	13.04	-	-	-		7.47	20.54	31.98	23.40	9.60	5.20
Textiles and Design		-	100.00	-	-	-	-		15.27	32.13	31.89	14.97	4.19	1.03
German Beginners		-	-	40.00	60.00	-	-		30.63	23.42	27.92	12.61	2.70	2.70
Business Services		-	7.69	38.46	46.15	7.69	-		-	7.69	38.46	46.15	7.69	-
Financial Services		2.77	30.55	52.77	13.88	-	-		9.67	20.64	35.48	23.87	5.80	2.58

In seven subjects M.E.T. School students achieved a greater percentage of Band 6s than students across the State. There were strong performances in Design and Technology, English Standard, Food Technology, Geography, Industrial Technology, Mathematics General 2, Music 1, and Senior Science in both Bands 5 and 6. There was a strong performance in Band 5 for most subjects. Generally, in subjects with a high candidature M.E.T. School students achieved higher a percentage of Bands 6 and 5 relative to the State.

The percentage of M.E.T. School students in Bands 1 and 2 are significantly lower or non-existent when compared to the State percentages in these bands. With the exception of one subject no Band 1 results were achieved by any M.E.T. School students.

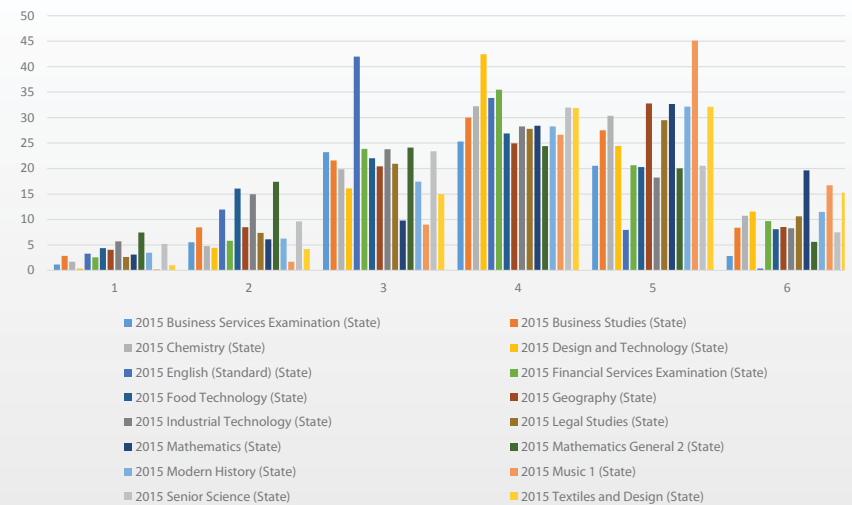
The trend of results across most subjects in 2015 continued to improve on previous years with most subjects achieving above the State average with some exceptions (Mathematics 2 unit, Extension 1 Mathematics, German Beginners 2 unit and Business Services examination).

School Band Analysis



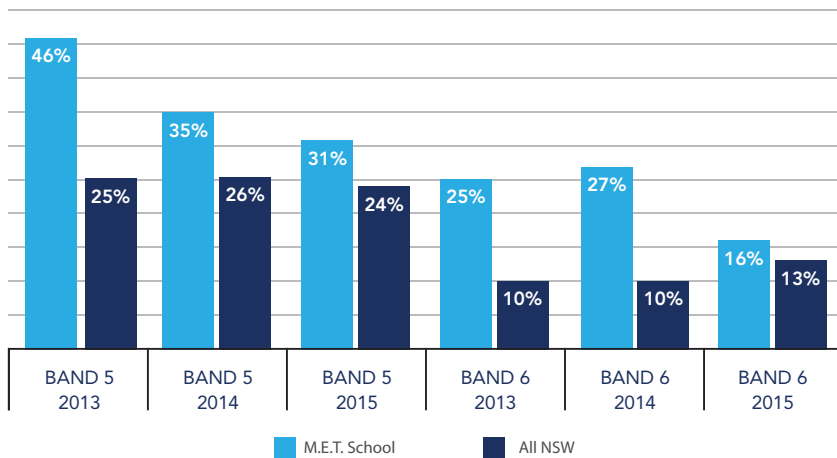
Take text out & add it as a text box below instead of within the graph. Text to say "Band Analysis shows the percentage of students in each performance band in a particular test or examination. In addition, the percentage of students in each performance band is displayed in a table."

State Band Analysis



Year 12, 2015 achieved an excellent set of results and we congratulate all students for their achievement across a wide range of courses. We are proud of the student's efforts and for their commitment to achieve their best. Our broad curriculum allows students to choose courses which are in line with their interests and talents, and this is reflected in the fact that HSC examination means exceeded State means in a vast majority of the courses, with students achieving Band 6 results in 65% of all courses.

2013, 2014, 2015 _HSC
M.E.T. School and State Comparison



For 2013, 2014 and 2015, the percentage of M.E.T. School HSC students who achieved HSC results in Bands 5 and 6 are shown above. While there remains a strong representation of students in these two Bands, we continue to revise our programs and assessment to work towards increasing the percentage in each Band.

This graph shows the percentage of M.E.T. School students in each Band.

It compares the results of M.E.T. School with the results of all schools in NSW. As already noted from the previous chart, much work is being done in Stage 4 and 5 programming in particular, to help improve the academic achievement of students in Stage 6.

Some specific achievement highlights from the 2015 HSC are as follows,

- Our Senior Science cohort scored 14.35 points above the state average in this exam with 31% of students achieving a Band 6 result
- The Industrial Technology students scored 11.34 points above the state average for this exam
- The Chemistry students scored 9.19 points above the state average for the exam
- All six students enrolled in Textiles and Design achieved a Band 5 result

Longitudinal Band Analysis across 2014 and 2015

Course	2014 Band						2015 Band					
	6	5	4	3	2	1	6	5	4	3	2	1
Business Studies	15.55	31.11	35.55	15.55	2.22	-	3.38	35.59	47.45	13.55	-	-
Business Services Examination	-	18.18	51.51	24.24	6.06	-	-	7.69	38.46	46.15	7.69	-
Design and Technology	-	66.66	33.33	-	-	-	28.57	28.57	42.85	-	-	-
English Standard	-	13.86	50.49	34.65	0.99	-	1.19	13.09	58.33	23.80	3.57	-
Food Technology	21.42	50.00	28.57	-	-	-	22.22	11.11	33.33	22.22	11.11	-
Geography	9.09	22.72	40.90	13.63	4.54	9.09	-	50.00	50.00	-	-	-
German Beginners	40.00	-	20.00	40.00	-	-	-	-	40.00	60.00	-	-
Industrial Technology	25.80	32.25	35.48	6.45	-	-	13.33	60.00	13.33	6.66	6.66	-
Legal Studies	-	9.09	54.54	36.36	-	-	-	38.08	57.14	4.76	-	-
Mathematics	7.14	35.71	39.28	10.71	7.14	-	8.69	34.78	30.43	4.34	21.73	-
Mathematics General 2	8.69	28.98	30.43	26.08	5.79	-	6.25	34.37	21.87	20.31	12.50	4.68
Modern History	-	42.10	39.47	18.42	-	-	9.75	39.02	46.34	4.87	-	-
Senior Science	26.47	35.29	35.29	2.94	-	-	30.43	56.52	13.04	-	-	-
Textiles and Design	60.00	-	40.00	-	-	-	-	100.00	-	-	-	-
Financial Services Examination	8.10	43.24	29.72	13.51	5.40	-	2.77	30.55	52.77	13.88	-	-
Music 1	-	-	-	-	-	-	50.00	50.00	-	-	-	-
Agriculture	-	-	100.00	-	-	-	-	-	-	-	-	-

Generally 2015 continued the trend of the percentage of M.E.T. School students in Bands 3 and 2 being lower than the State. There were significant improvements in the percentage of Bands 5 and 6 achievement in Modern History, Senior Science, Mathematics and Design and Technology.

Business Studies, Geography, German Beginners, Industrial Technology, Textiles and Design, Financial Services were courses that experienced a fall in the percentage of Band 6 awarded.

There were no candidates for Agriculture in 2015 and Music 1 in 2014.

Vocational Education and Training

VET courses remain a popular choice for M.E.T. students. A significant proportion of students are enrolled in one of the M.E.T. delivered Curriculum Frameworks with almost all students opting to undertake the HSC examination in these courses.

M.E.T. delivered VET Course	% of Year 12 M.E.T. students enrolled
Business Services	15%
Financial Services	36%

Externally delivered VET course	% of Year 12 M.E.T. students enrolled
Metal and Engineering	6%
Retail Services	1%
Construction	1%