

## ULTIMATE RAW MARKS DATABASE v2.0

### English (Advanced)

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2009	53.45	65	76	B4
2009	64.40	73	83	B5
2009	66.13	73	83	B5
2010	66.18	79	84	B5
2011	68.10	78	85	B5
2010	68.24	81	86	B5
2011	72.38	84	88	B5
2010	74.17	86	89	B5
2009	77.68	78	91	B6
2005	78.00	81	89	B5
2010	80.91	89	92	B6
2010	81.07	90	92	B6
2010	82.95	91	93	B6
2004	84.00	91	91	B6
2010	84.01	91	93	B6
2011	84.29	90	92	B6
2010	88.62	93	95	B6
2010	90.17	95	96	B6
2011	91.90	96	97	B6
2011	94.28	97	98	B6

### English (Standard)

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2009	61.51	60	75	B4
2011	82.11	80	86	B5

### Chemistry

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2011	52.00	55	80	B5
2009	55.00	56	81	B5
2007	57.00	57	79	B4
2009	57.00	56	81	B5
2010	59.00	62	84	B5
2010	60.00	62	84	B5
2003	61.00	61	79	B4
2009	61.00	61	84	B5
2010	65.00	66	86	B5
2011	71.00	74	91	B6
2010	74.00	76	91	B6
2009	76.00	76	92	B6
2010	78.00	79	93	B6
2010	82.00	83	94	B6
2010	83.00	84	94	B6
2005	86.00	87	94	B6
2010	86.00	86	95	B6

## Mathematics

YEAR	RAW MARK (/120)	TWM	ALIGNED EXAM MARK	BAND
2009	70.00	70	78	B4
2003	73.00	73	82	B5
2009	91.00	91	88	B5
2010	93.00	93	90	B6
2010	94.00	94	90	B6
2011	99.00	99	89	B5
2010	108.00	108	95	B6
2009	110.00	110	96	B6
2011	113.00	113	96	B6
2004	118.00	118	99	B6

## Physics

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2003	56.00	56	78	B4
2011	56.00	57	79	B4
2010	63.00	62	82	B5
2011	64.00	64	80	B5
2009	68.00	68	83	B5
2010	69.00	69	87	B5
2010	75.00	75	90	B6
2009	76.00	76	87	B5
2010	83.00	83	93	B6
2009	84.00	85	92	B6
2010	87.00	87	95	B6
2011	89.00	89	94	B6

## Mathematics Extension 1

YEAR	RAW MARK (/84)	TWM	ALIGNED EXAM MARK	BAND
2004	11.00	11	34	E1
2010	44.00	44	81	E3
2010	49.00	49	85	E3
2011	53.00	53	87	E3
2009	57.00	57	90	E4
2011	62.00	62	92	E4
2011	65.00	65	93	E4
2009	67.00	67	94	E4
2011	68.00	68	94	E4
2010	68.00	68	95	E4
2009	70.00	70	95	E4
2004	74.00	74	96	E4
2010	74.00	74	97	E4
2004	75.00	75	96	E4
2010	75.00	75	97	E4
2008	77.00	77	98	E4
2011	80.00	80	99	E4
2010	83.00	83	100	E4

## Mathematics Extension 2

YEAR	RAW MARK (/120)	TWM	ALIGNED EXAM MARK	BAND
2009	54.00	54	78	E3
2010	59.00	59	83	E3
2011	65.00	65	85	E3
2010	79.00	79	92	E4
2010	81.00	81	92	E4
2010	84.00	84	93	E4
2004	87.00	87	93	E4
2010	87.00	87	93	E4
2009	93.00	93	94	E4
2008	95.00	95	95	E4
2011	98.00	98	95	E4

## Biology

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2009	70.00	71	86	B5
2011	74.00	76	86	B5
2009	81.00	82	92	B6
2004	83.00	83	93	B6
2010	87.00	88	94	B6
2010	89.00	91	95	B6
2010	90.00	92	96	B6

## Ancient History

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2004	83.00	83	90	B6
2009	83.50	90	90	B6
2010	88.00	92	95	B6
2011	95.50	97	97	B6
2010	98.00	98	99	B6

## Drama

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2010	78.00	79	93	B6

## Languages

YEAR	LANGUAGE	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2010	German Continuers	80.50	80	89	B5
2010	Japanese Continuers	74.00	74	84	B5
2004	Latin Continuers	93.00	93	98	B6
2004	Latin Extension	92.00	92	98	B6

## English Extension 1

YEAR	RAW MARK (/50)	TWM	ALIGNED EXAM MARK	BAND
2010	28.50	38	38	E3
2009	37.50	41	44	E3
2011	38.00	43	45	E4
2010	39.50	44	45	E4

## English Extension 2

YEAR	RAW MARK (/50)	TWM	ALIGNED EXAM MARK	BAND
2010	42.00	42	47	E4

## History Extension

YEAR	RAW MARK (/50)	TWM	ALIGNED EXAM MARK	BAND
2004	42.00	42	43	E3
2010	44.50	45	48	E4
2011	47.00	47	49	E4
2009	48.50	49	49	E4

## Music Subjects

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2005 [MUSIC 2]	80.00	80	91	B6
2009 [MUSIC 1]	89.00	90	95	B6

## Music Extension

YEAR	RAW MARK (/50)	TWM	ALIGNED EXAM MARK	BAND
2011	36.50	38	45	E4
2005	46.50	45	48	E4

## Legal Studies

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2010	80.00	79	89	B5
2011	80.00	81	89	B5
2009	82.00	82	91	B6

## Business Studies

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2009	76.00	76.00	87	B5
2009	81.50	81.50	92	B6

## Design and Technology

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2009	76.00	76	86	B5

## General Mathematics

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2009	89.00	89	95	B6

## Modern History

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2009	76.00	76	82	B5

## Economics

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2009	87.00	89	94	B6
2011	89.00	90	93	B6
2011	89.50	90	93	B6
2011	91.50	92	95	B6

## Software Design and Development

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2003	59.00	59	79	B4
2007	82.00	82	89	B5
2004	88.00	88	94	B6
2011	89.00	89	93	B6
2007	93.00	93	96	B6

## Information Processes & Technology

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2010	64.00	64	79	B4
2004	67.00	67	81	B5

## Studies of Religion

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2004 [1 UNIT]	84.00	84	92	B6
2011 [2 UNIT]	85.00	80	86	B5
2009 [1 UNIT]	92.00	92	94	B6

## Geography

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2011	84.00	79	91	B6
2011	88.00	85	94	B6
2011	94.00	94	97	B6

## Community & Family Studies

YEAR	RAW MARK (/100)	TWM	ALIGNED EXAM MARK	BAND
2011	92.00	92	92	B6

**Explanation:** A raw mark in the final HSC exam undergoes a major amount of changing before it reaches a final aligned exam mark. Firstly, each subject's marks are changed according to any varying difficulties in option questions or prescribed texts. For example, in Advanced English Module B, Hamlet may align better than Speeches (ie. a 13/20 in Hamlet may be "equal" to a 16/20 in Speeches). These marks become the TWM (Total Weighted Mark) or what is written down the bottom of a results check to be the "Raw Examination Mark". This mark is then aligned based upon the difficulty of the subject (determined by the state's overall performance in it) to give the Examination Mark that appears on your HSC.

## ESTIMATED B6/E4 CUTOFFS

**PLEASE NOTE:** The following are estimates deduced from the marks above and are approximations. The actual cutoffs vary from year to year as the examination varies in difficulty. Therefore, do not assume that upon achieving the marks below will get you the corresponding band. Also, many subjects such as English vary according to the prescribed texts or option questions studied (as each text/option aligns differently in the HSC).

SUBJECT	RAW MARK
English (Advanced)	76/100
Chemistry	71/100
Physics	76/100
Mathematics	97/120
Mathematics Extension 1	57/84
Mathematics Extension 2	75/120
Biology	79/100
Ancient History	83/100
English Extension 1	39/50
Legal Studies	81/100
Business Studies	80/100
Software Design & Development	84/100
History Extension	43/50

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To submit any raw marks to add to the database:

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