

Unit 1 results

For each written unit (B1, C1 and P1), there are 60 raw marks available at Foundation Tier and 70 at Higher Tier.

The **maximum** uniform mark for each unit is 66. The **minimum** uniform mark required for each grade is as follows:

A	B	C*	C	D	E	F	G
53	49	45	40	33	27	20	14

Candidates entering for Foundation Tier can achieve a maximum uniform mark score of 48 in each Unit 1.

Unit 2 results

For each written unit (B2, C2 and P2), there are 70 raw marks available at Foundation Tier and 80 at Higher Tier.

The **maximum** uniform mark for each unit is 84. The **minimum** uniform mark required for each grade is as follows:

A	B	C*	C	D	E	F	G
68	62	57	51	42	34	26	17

Candidates entering for Foundation Tier can achieve a maximum uniform mark score of 61 in each Unit 2.

Unit 7 – Practical Skills

For practical and written Unit 7, there are 45 raw marks available for Practical Booklet A (15 marks for each Biology, Chemistry and Physics) and 105 raw marks available for Practical Booklet B (35 marks for each Biology, Chemistry and Physics) for both Foundation and Higher Tiers.

Summary of Exam Grade Boundaries and Outcomes

The **maximum** uniform mark for Unit 7 is 150. The **minimum** uniform mark required for each grade is as follows:

A	B	C*	C	D	E	F	G
120	110	101	90	75	60	45	30

Candidates entering for Foundation Tier can achieve a maximum uniform mark score of 109 in this unit.

Qualification results

The **maximum** uniform mark for the final award is 600. The **minimum** uniform mark required for each final grade is as follows:

A*A*	A*A	AA	AB	BB	BC*	C*C*	C*C
543	511	480	462	438	420	402	378

CC	CD	DD	DE	EE	EF	FF	FG	GG
360	330	300	270	240	210	180	150	120

Please note:	<p>The <i>Uniform Mark boundaries</i> will not change for the lifetime of this specification whereas the <i>Raw Mark boundaries</i> will be set independently in each examination series.</p> <p>If you are planning to use the Raw Mark boundaries to estimate future performance and grades they must be used with caution as they are prone to change each series.</p> <p>The A* grade is not awarded for individual units - it is only awarded at subject level.</p> <p>A*A* and A*A are now derived grades set independently in each examination series. If you are planning to use these boundaries to estimate future A*A* and A*A boundaries they must be used with caution as they are prone to change.</p>
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Unit 1 – Foundation Tier

Biology: GDW11 Cells, Living Processes and Biodiversity		
Grade	Raw Mark	UMS
MAX	60	48
C*	38	45
C	34	40
D	30	33
E	26	27
F	23	20
G	20	14

Chemistry: GDW21 Structures, Trends, Chemical Reactions, Quantitative Chemistry and Analysis		
Grade	Raw Mark	UMS
MAX	60	48
C*	42	45
C	35	40
D	29	33
E	23	27
F	18	20
G	13	14

Physics: GDW31 Motion, Force, Moments, Energy, Density, Kinetic Theory, Radioactivity, Nuclear Fission and Fusion		
Grade	Raw Mark	UMS
MAX	60	48
C*	39	45
C	32	40
D	26	33
E	21	27
F	16	20
G	11	14

Unit 1 – Higher Tier

Biology: GDW12 Cells, Living Processes and Biodiversity		
Grade	Raw Mark	UMS
MAX	70	66
A	51	53
B	45	49
C*	39	45
C	33	40
D	27	33
E	24	30

Chemistry: GDW22 Structures, Trends, Chemical Reactions, Quantitative Chemistry and Analysis		
Grade	Raw Mark	UMS
MAX	70	66
A	55	53
B	48	49
C*	41	45
C	34	40
D	27	33
E	23	30

Physics: GDW32 Motion, Force, Moments, Energy, Density, Kinetic Theory, Radioactivity, Nuclear Fission and Fusion		
Grade	Raw Mark	UMS
MAX	70	66
A	54	53
B	47	49
C*	40	45
C	33	40
D	26	33
E	22	30

Unit 2 – Foundation Tier

Biology: GDW41 Body Systems, Genetics, Microorganisms and Health		
Grade	Raw Mark	UMS
MAX	70	61
C*	41	57
C	34	51
D	28	42
E	22	34
F	17	26
G	12	17

Chemistry: GDW51 Further Chemical Reactions, Rates and Equilibrium, Calculations and Organic Chemistry		
Grade	Raw Mark	UMS
MAX	70	61
C*	37	57
C	31	51
D	26	42
E	21	34
F	17	26
G	13	17

Physics: GDW61 Waves, Light, Electricity, Magnetism, Electromagnetism and Space Physics		
Grade	Raw Mark	UMS
MAX	70	61
C*	43	57
C	35	51
D	28	42
E	22	34
F	16	26
G	10	17

Unit 2 – Higher Tier

Biology: GDW42 Body Systems, Genetics, Microorganisms and Health		
Grade	Raw Mark	UMS
MAX	80	84
A	53	68
B	46	62
C*	39	57
C	32	51
D	25	42
E	21	38

Chemistry: GDW52 Further Chemical Reactions, Rates and Equilibrium, Calculations and Organic Chemistry		
Grade	Raw Mark	UMS
MAX	80	84
A	50	68
B	41	62
C*	32	57
C	23	51
D	14	42
E	9	38

Physics: GDW62 Waves, Light, Electricity, Magnetism, Electromagnetism and Space Physics		
Grade	Raw Mark	UMS
MAX	80	84
A	58	68
B	50	62
C*	43	57
C	36	51
D	29	42
E	25	38

Unit 7 – Foundation Tier

GDW71, 72, 73 & 74		
Practical Skills		
Grade	Raw Mark	UMS
MAX	150	109
C*	58	101
C	45	90
D	35	75
E	25	60
F	15	45
G	5	30

Unit 7 – Higher Tier

GDW75, 76, 77 & 78		
Practical Skills		
Grade	Raw Mark	UMS
MAX	150	150
A	102	120
B	83	110
C*	64	101
C	45	90
D	26	75
E	16	68

Overall Subject Level Outcomes: cumulative percentage of candidates
obtaining each grade combination and total entry shown

Grade	Cum %
A*A*	4.7
A*A	12.6
AA	24.1
AB	31.9
BB	43.6
BC*	55.2
C*C*	67.7
C*C	81.3
CC	88.1
CD	94.1
DD	96.8
DE	98.1
EE	98.7
EF	99.2
FF	99.5
FG	99.6
GG	99.8
U	100
Total	7914