

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
544	515	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*	35	45
C	29	40
D	24	33
E	19	27
F	15	20
G	11	14

Chemistry: GDW21		
Structures, Trends, Chemical Reactions, Quantitative Chemistry and Analysis		
Grade	Raw Mark	UMS
MAX	60	48
C*	33	45
C	26	40
D	20	33
E	15	27
F	10	20
G	5	14

Physics: GDW31		
Motion, Force, Moments, Energy, Density, Kinetic Theory, Radioactivity, Nuclear Fission and Fusion		
Grade	Raw Mark	UMS
MAX	60	48
C*	37	45
C	31	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	41	53
B	34	49
C*	27	45
C	21	40
D	15	33
E	12	30

Physics: GDW32		
Motion, Force, Moments, Energy, Density, Kinetic Theory, Radioactivity, Nuclear Fission and Fusion		
Grade	Raw Mark	UMS
MAX	70	66
A	57	53
B	48	49
C*	39	45
C	30	40
D	21	33
E	16	30

Unit 2 – Foundation Tier

Biology: GDW41 Body Systems, Genetics, Microorganisms and Health		
Grade	Raw Mark	UMS
MAX	70	61
C*	47	57
C	39	51
D	33	42
E	27	34
F	21	26
G	15	17

Chemistry: GDW51 Further Chemical Reactions, Rates and Equilibrium, Calculations and Organic Chemistry		
Grade	Raw Mark	UMS
MAX	70	61
C*	28	57
C	22	51
D	17	42
E	12	34
F	8	26
G	4	17

Physics: GDW61 Waves, Light, Electricity, Magnetism, Electromagnetism and Space Physics		
Grade	Raw Mark	UMS
MAX	70	61
C*	42	57
C	34	51
D	27	42
E	20	34
F	14	26
G	8	17

Unit 2 – Higher Tier

Biology: GDW42 Body Systems, Genetics, Microorganisms and Health		
Grade	Raw Mark	UMS
MAX	80	84
A	55	68
B	49	62
C*	43	57
C	38	51
D	33	42
E	30	38

Chemistry: GDW52 Further Chemical Reactions, Rates and Equilibrium, Calculations and Organic Chemistry		
Grade	Raw Mark	UMS
MAX	80	84
A	49	68
B	39	62
C*	29	57
C	19	51
D	9	42
E	4	38

Physics: GDW62 Waves, Light, Electricity, Magnetism, Electromagnetism and Space Physics		
Grade	Raw Mark	UMS
MAX	80	84
A	61	68
B	52	62
C*	43	57
C	34	51
D	25	42
E	20	38

Unit 7 – Foundation Tier

GDW71, 72, 73 & 74		
Practical Skills		
Grade	Raw Mark	UMS
MAX	150	109
C*	58	101
C	46	90
D	36	75
E	27	60
F	18	45
G	9	30

Unit 7 – Higher Tier

GDW75, 76, 77 & 78		
Practical Skills		
Grade	Raw Mark	UMS
MAX	150	150
A	104	120
B	83	110
C*	63	101
C	43	90
D	23	75
E	13	68

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

Grade	Cum %
A*A*	6.4
A*A	15.0
AA	27.8
AB	36.4
BB	49.8
BC*	62.2
C*C*	73.8
C*C	85.1
CC	90.4
CD	95.6
DD	97.7
DE	98.7
EE	99.3
EF	99.6
FF	99.7
FG	99.8
GG	99.9
U	100
Total	8690