GCSE Gateway Science Suite

Changes to the specifications as of 3 July 2017

Specification	Page	Specification row	Change
J247	13	B1.2c	☑ added to the statement (separate science only)
	23	B2.2f	'Examining the position of the phloem in root, stem and leaf tissues using a light microscope. (PAG B1) to practical suggestion column
	27	B2.2f	Text in 'To include' column emboldened
	31	BM4.1iii	☑ added to the statement (separate science only)
	31	BM4.1v	☑ added to the statement (separate science only)
	39	Maths statements	These have changed
	41	Maths statements	These have changed
	42	B6.2f	☑ deleted from statement
		B6.2g	☑ added to the statement (separate science only)
	43	BM6.3v	☑ deleted from statement

Specification	Page	Specification row	Change
J248	19	C2.2g	'dot and cross diagrams, ball and stick models and two- and three-dimensional representations' moved to 'to include' column
	36	C4.2a	(Combined Science C3.1g) added to 'Learning outcome'
	38	C5.1f	(Combined Science C3.1j) added to 'Learning outcome'

Specification	Page	Specification row	Change
J249	31	P2.3h	'learning outcome' column rewritten to read: 'define weight, describe how it is measured and describe the relationship between the weight of an object and the gravitational field strength (g)' 'to include' column rewritten to read: 'knowledge that the gravitational field strength is known as g and has a value of 10N/kg at the earth's surface'
	34	P3.1a	'Learning outcome' column rewritten to read: 'describe that charge is a property of all matter and that there are positive and negative charges' 'To include' column rewritten to read 'the understanding that in most bodies there are an equal number of positive and negative charges resulting in the body having zero net charge'

	41	P4.1g	'practical suggestions' column rewritten to read 'Investigation of factors that can affect the magnetic effect e.g. number of turns and length.'
	84	PM4.2i	'magnetic field strength' changed to 'magnetic flux density'
	92	M4e	'P' added to purple column

Specification	Page	Specification row	Change
J250	17	B1.1c	In the 'to include' column 'transition' has been changed to 'transmission'
	39	Maths statements	These have changed
	43	Maths statements	These have changed
	44	B6.3d	Content of 'to include' column moved to B6.3f
		B6.3d	'scientific quantities, number of pathogens, number of infected cases, estimating the number of cases' added to 'to include' column
		B6.3e	'by plant pathologist' deleted from 'to include' column
	45	B6.3k	'preclinical and clinical testing' added to 'to include' column
		B6.3l	'to include' column now reads 'cardiovascular disease, many forms of cancer, some lung (bronchitis) and liver (cirrhosis) diseases and and diseases influenced by nutrition, including type 2 diabetes'
	54	Spec statement order	The specifications have been reordered to match the order of the Chemistry specification
	87	Maths statements	Maths statements reordered
	98	P3.2d	Learning objective has been rewritten to read 'recall and apply the relationship between I, R, and V and that for some resistors the value of R remains constant but that in others it can change as the current changes' to match the Physics specification
		P3.2f	In the 'to include' column NTC has been added before thermistors
		P3.2h	In the 'to include' column NTC has been added before thermistors
	99	P3.2j	In the 'to include' column NTC has been added before thermistors
	102	P3.3g	'practical suggestions' column has been changed to read 'Investigation of factors that can affect the magnetic effect e.g. number of turns and length.'
	109	P4.3h	'to include' column changed to read 'knowledge that inner electrons can be 'excited' when they absorb energy from radiation…….'
	146	Maths statements	Maths statements reordered
	142	WS1.4c	'to include' column changed to 'base units & derived units (Appendix 5c)
	147	PM3.3i	'magnetic field strength (T)' changed to 'magnetic flux density (T)'