



GCSE Separate Science (11SA1, 11SA2, 11SA3)

What to revise for the January PPE exams

Unit	Topic	Page numbers to revise from the revision guide
B5	Homeostasis	65
	The nervous system	66
	Synapses and reflexes	67
	Investigating reaction time	68
	The brain	69
	The eye	70
	Correcting vision defects	71
	Controlling body temperature	72
	The endocrine system	73
	Controlling blood glucose	74
	The kidneys	75
	Kidney failure	76
	Puberty and the menstrual cycle	77
	Controlling fertility	78-79
	Adrenaline and thyroxine	80
	Plant hormones	81
	Commercial uses of plant hormones	82
	C5	Exothermic and endothermic reactions
Bond energies		63
Cells and batteries		64
Fuel cells		65
P5	Contact and non contact forces	51
	Weight, mass and gravity	52
	Resultant forces and work done	53
	Calculating forces	54
	Forces and elasticity	55
	Investigating springs	56
	Moments	57
	Fluid pressure	58
	Upthrust and atmospheric pressure	59
	Distance, displacement, speed and velocity	60
	Acceleration	61
	Distance-time and velocity time graphs	62
	Terminal velocity	63
	Newton's first and second laws	64
Newton's third law	65	

Unit	Topic	Page numbers to revise from the revision guide
P5	Investigating motion	66
	Stopping distances	67
	Reaction times	68
	More stopping distances	69
	Momentum	70
	Changes in momentum	71

Tips for revision:

- 1) Traffic light the topics you need to revise: 1 = I haven't got a clue, 10 = I could do this in my sleep. This will highlight which topics you should revise first (The lowest numbers)
- 2) Avoid just reading a revision guide - only 3% of the population can revise like this.
- 3) Mind map topics you find particularly difficult
- 4) Change text into diagrams to help you remember it
- 5) Summarise what you know:
 - 1) Summarise a page of the revision guide in a maximum of an A6 piece of paper.
 - 2) Then summarise your A6 piece of paper onto an A7 piece of paper
- 6) Use exam questions:
 - 1) These can be found on the AQA website
 - 2) These can be found on collins connect
 - 3) These can be found within the revision guide
- 7) Have you bought Tassomai?
Tassomai is an online revision website which breaks the course down into microquizzable facts
- 8) Revise little and often
15 minutes a day is more effective than sitting down for 5 hours the night before the exam
- 9) Bring anything you don't understand into your teachers
- 10) Attend drop in sessions - Most of your teachers offer these either at lunch times or after school throughout the week

