

Paper 3C/4C: Further Mechanics 1*

Topics	What students need to learn:		
	Content		Guidance
1 Momentum and impulse	1.1	Momentum and impulse. The impulse-momentum principle. The principle of conservation of momentum applied to two spheres colliding directly.	The spheres may be modelled as particles.
	1.2	Momentum as a vector. The impulse-momentum principle in vector form.	