

Year 10 PATHWAY C

MID-YEAR EXAM 2011

FURTHER TRIG	*	Sine Rule: sides & angles
	•	Cosine Rule: sides & angles
	•	Areas of triangles by trig
FINANCIAL MATH	*	Simple/flat interest
	•	Compound interest – long working, short step
	•	Depreciation – long working, short step
	•	Loan repayment applications
	•	Reducing balance loans
SURFACE AREA	*	review nets of solids
	•	‘Box’ & triangular prisms
	•	Triangular prisms + Pythagoras types
	•	Cylinders: open/closed, part cylinders
	•	Practical applications
VOLUME	*	Review volume of ‘box’ prisms
	•	Triangular prisms
	•	Cylinders: whole and part
	•	Units for liquid (mL, L etc)
	•	Pyramids and cones
CORE SKILLS	*	earning money
	•	basic algebra
	•	basic numeracy
‘MOTS’ SECTION		(to keep you on your toes!)

EXAM FORMAT Time: 2 hours

Each section has a mix of multiple-choice, short answer & longer response questions