

Mathematics Department Schemes of Work

2015/2017

FORM 4

CXC MATH

Term1

TOPIC	SUB TOPIC	TEXT	CHAPTER/PAGE/EXERCISE	DURATION
NUMBERS	FRACTION, DECIMALS, STANDARD FORM, APPROXIMATIONS	RAYMOND TOOLSIE		2
RATIOS				1
CONSUMER ARITHMETIC	PROFIT AND LOSS, DISCOUNT, TAX, CP AND SP, % PROFIT AND LOSS			3
ALGEBRA	TYPE 3,4,5			3
REVISION				1
				TOTAL =10

Term 2

ALGEBRA	SIMPLIFICATION, FACTORISATION			3
	SOLVING SIMULTANEOUS EQ,			1
	DIRECT AND INDIRECT VARIATION			2
	INEQUALITIES, BINARY NUMBERS,			1
	TRANSPOSE			2
	INDICIES			1
	REVISION			1
				TOTAL = 11

Term 3

SETS				1
ANGLES				1
CONSTRUCTIONS				1
MEASUREMENT	VOLUME, SURFACE AREA, PERIMETER			2
SCALES				1
COORDINATE GEOMETRY				2
REVISION				1
TOTAL				TOTAL = 9

FORM 5**CXC Math**

Term 1

TOPIC	TEXTBOOK	CHAPTER/PG/EXERCISES	DURATION/WK	COMMENTS
TRANSFORMATION			2	
ANALYSIS AND SEQUENCING			1	
CIRCLE GEOMETRY			2	
LINEAR PROGRAMMING			3	
MATRICES			1	

Term 2

TOPIC				
SINE RULE/COSINE RULES/BEARINGS			2	
VECTORS			2	
ALGEBRA/SECTION 2 NUMBER 9			2	
PAST PAPERS			REST OF TERM	

Term 3

TOPIC				
PAST PAPER QUESTIONS			3	