

Mathematics Department Schemes of Work

2015/2017

FORM 3

Term 1

| TOPIC | SUB TOPIC | RESOURCES | CHAPTER/PAGE | DURATION/WK |
|------------------------|-----------------------------------|-----------------|----------------------------------|-------------|
| DIRECTED NUMBERS | NUMBER LINE | Raymond Toolsie | PG 29 – 32 PG 36 EX 3F 1 - 24 | 1 |
| EQUATIONS AND FORMULAE | SOLVING AND MAKING THE SUBJECT OF | Raymond Toolsie | PG 38 – 47 | 1.5 |
| SIMULTANEOUS EQUATIONS | ELIMINATION AND SUBSTITUTION | Raymond Toolsie | PG 65-76 | 2 |
| ALGEBRAIC PRODUCTS | CHAPTER 13 PG 164 – 174 | Raymond Toolsie | PG 164 – 174 | 2 |
| ALGEBRAIC FACTORS | | Raymond Toolsie | PG 176 – 191 | 1 |
| | | | | TOTAL = 8 |

Term 2

| TOPIC | Sub topic | TEXT | CHAPTER/PG/ EXERCISES | DURATION/WK |
|--|-----------|----------|--------------------------|-------------|
| FACTORISATION OF QUADRATIC, DIFFERENCES OF TWO SQUARES | | STP BK 3 | 13, 14,17 | 2 |
| SOLVING QUADRATICS | | STP BK 3 | 17 | 2 |
| SIMPLIFYING ALGEBRAIC FRACTIONS | | STP BK 3 | 16 | 3 |
| SOLVING FRACTIONAL EQUATIONS | | STP BK 3 | 16 | 1 |

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|--------------------------|--|----------|-------|---|
| PYTHAGORAS AND SOHCAHTOA | | STP BK 3 | 21,22 | 1 |
|--------------------------|--|----------|-------|---|

Term3

| TOPIC | CHAPTER | TEXTBOOK | COMMENTS | DUR./WKS |
|----------------------|-------------|----------|---------------------------------|----------|
| MATRICES | 7 | STP BK 3 | | 4 |
| STRAIGHT LINE GRAPHS | 9 | STP BK 3 | | 3 |
| RATIO AND PROPORTION | 20 | STP BK 3 | Incomplete NCSE disruptions! | |
| REVISION OF ALL | 11,13,19,20 | STP BK 3 | | 1 |