Kirkcaldy High School Mathematics Department
National 5 MATHEMATICS
Revision Guide 2022-23

Past Papers by Topic

|  | N5 2014 |  | N5 2015 |  | N5 2016 |  | N5 2017 |  | N5 2018 |  | N5 2019 |  | N5 2022 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | P1 | P2 | P1 | P2 | P1 | P2 | P1 | P2 | P1 | P2 | P1 | P2 | P1 | P2 |
| Quadratics | 7,13 |  | 7 | 14 | 10, 12 | 9 | 14 | 4 | $\begin{gathered} \hline 5,8, \\ 16,19 \\ \hline \end{gathered}$ |  | 9,15 | 6 | 5,14 | 7 |
| Straight Line | 6,11 | 10 | 8 |  | 5 |  | 6 | 11 | 7 | 14 | 6 | 13 | 6 |  |
| Algebra (e.g. Brackets \& Factorising, Completing the Square, Algebraic Fractions, Functions, Equations and Change the Subject) | 2,3 | 3,11 | 2, 4, 11 | 1,2 | 4, 6, 8 | 4,12 | $\begin{gathered} 1,3,8 \\ 10,13 \end{gathered}$ | 9 | $\begin{gathered} 2,3,14, \\ 19 a) i \end{gathered}$ | 4, 6, 15 | $\begin{gathered} 1,3,7 \\ 8,14 \end{gathered}$ | 10, 15 | $\begin{gathered} 2,5 a, 7, \\ 12,15 \end{gathered}$ | 1, 4, 12 |
| Similarity (NOT ASSESSED THIS YEAR) |  | 5 |  | 9 |  | 11 | 15 |  |  | 18 |  |  |  |  |
| Surds \& Indices | 8 | 8 | 13, 14 | 7 | 9 | 10 |  | 12 | 11, 15 |  | 12 | 4,16 | 11, 13 |  |
| Fractions | 1 | 9 | 1,10 |  | 2 | 13 | 4,11 |  | 1 |  | 2 |  | 1 |  |
| Volume |  | 7 |  | 6,12 |  | 7 |  | 6 | 17 | 7 |  | 8 | 3 | 3 |
| Trigonometry | 5,10 | 6, 10, 12 | 6,9 | 3,11, 13 | 11 | 8,14, 16 | 7 | 3, 10, 15 | $\begin{aligned} & \hline 6,10, \\ & 12,18 \\ & \hline \end{aligned}$ | 8, 9, 13 | 13 | 14, 17, 19 | 8,9 | $\begin{gathered} 6,9, \\ 13,14 \\ \hline \end{gathered}$ |
| Vectors (NOT ASSESSED THIS YEAR) | 4 |  |  | 4,5 | 1 | 3 | 5 | 1,8 | 4,13 | 3,10 | 10 | 2,5 |  |  |
| Percentages | 9 | 1 |  |  |  | 1 |  | 2,5 |  | 1,11 |  | 1,9 | 10 | 2 |
| Statistics |  | 4 | 5,10 | 8 |  | 6 | 2,12 |  |  | 5 | 5 |  |  | 5 |
| Shape (e.g. Angles, <br> Pythagoras, Arcs \& Sectors) | 12 | 2,13 | 3 | 10 | 3,7 | 5,15 | 9 | 7, 13, 14 | 9 | $\begin{aligned} & 2,12, \\ & 16,17 \end{aligned}$ | 4,11 | 11, 12, 18 | 4,15 | 8, 10, 11 |

## Study Timetable

## W/B

$2^{\text {nd }} / 9^{\text {th }} /$ $16^{\text {th }}$ Jan
$23^{\text {rd }}$ Jan
$30^{\text {th }}$ Jan
$6^{\text {th }}$ Feb
$13^{\text {th }} \mathrm{Feb}$
$20^{\text {th }}$ Feb
$27^{\text {th }}$ Feb
$6^{\text {th }} \mathrm{Mar}$
$13^{\text {th }}$ Mar
$20^{\text {th }}$ Mar
$27^{\text {th }}$ Mar
$3^{\text {rd }} / 10^{\text {th }} \mathrm{Apr}$
$17^{\text {th }} / 24^{\text {th }}$
Apr
$1^{\text {st }}$ May
SQA National 5 Mathematics Exam Wednesday $3^{\text {rd }}$ May at 9am

## DO NOT WRITE ON THE PAST PAPERS!

Prelim Revision - Task B revision booklet and past papers 2019 and 2022 (not Surds, Indices, Similarity, Vectors, Quadratics or Trigonometry questions). Algebra Past Paper Qs.

Fractions, Percentages and Statistics Past Paper Qs.

Straight Line, Surds and Indices Past Paper Qs.
Volume and Shape Past Paper Qs.
Quadratics Past Paper Qs.
Trigonometry Past Paper Qs.
Full paper 2014.
Full papers 2015 and 2016.
Full papers 2017 and 2018.
Full papers 2019 and 2022.
Extra practice papers provided on MS Teams.
Focused Past paper revision on areas for development.

## WRITE ON SEPARATE PAPER SO THAT YOU CAN COMPLETE QUESTIONS MORE THAN ONCE!

