

GENERAL MATHS**Grade 10**

<u>DATE</u>	TOPICS
<u>05.04.2022</u>	Probability,
<u>07.04.2022</u>	Transformations, Sets
<u>11.04.2022</u>	Functions and Vectors
<u>12.04.2022</u>	Statistics and graphs
<u>14.04.2022</u>	Trigonometry, sine, cosine and tangants, Bearings
<u>18.04.2022</u>	Geometry, congruence, similarity and constructions

ADD MATH Grade 10

<u>DATE</u>	<u>TOPICS</u>
<u>06.04.2022</u>	Functions, Simultaneous Equations & Quadratics, Indices & Surds, Factors & polynomials
<u>07.04.2022</u>	Equations Inequalities & graphs, Logarithmic & Exponential Functions, Straight line graphs
<u>13.04.2022</u>	Circular Measure, Trigonometry, Vectors
<u>14.04.2022</u>	Permutations & Combinations, Series

PURE MATHEMATICS 1

GRADE 11

Date and Time	Chapter / Topic
30/3/2022 Wed 9:00 - 9:40 AM	Discussions Mock Paper
31/3/2022 Thu 9:00 - 9:40 AM	Transforming Graphs
4/4/2022 Mon 9:00 - 9:40 AM	Differentiation
6/4/2022 Wed 9:00 - 9:40 AM	Differentiation
7/4/2022 Thu 9:00 - 9:40 AM	Integration
11/4/2022 Mon 9:00 - 9:40 AM	Integration
13/4/2022 Wed 9:00 - 9:40 AM	Series
14/4/2022 Thu 9:00 - 9:40 AM	Functions
18/4/2022 Mon 9:00 - 9:40 AM	Circular Measure

Mechanics Grade 11

Date / Day	Time Slot	Chapter Coverage
30th March Wed	9:50-10:30 am	Use of Lami's Th to solve some specific Problems
31st March Thus	11.30 – 12.10 pm	Pulley Questions: Use of Energy Method
3rd April, Sun	10:40-11:20 am	Velocity and Acceleration when two Particles are involved
4th April Mon	10.40 – 11.20 am	Work Energy and Power
6th April Wed	9:50 – 10:3.20 am	Work Energy and Power
7 th April Thurs	11:30-12:10 PM	Kinematics
10 th April Sun	10:40-11:20 am	Kinematics
11 th April Mon	10.40 – 11.20 am	Kinematics
13 th April , Wed	9:50 – 10:3.20 am	Momentum
17 th April Sun	10:40-11:20 am	Momentum
18 ^h April Mon	10:40-11:20 am	Challenging questions discussion

Mechanics Grade 12

Crash Course Plan

Date / Day	Time Slot	Chapter Coverage
29th March 2022, Tuesday	9.00 – 9.40	Use of Lami's Th to solve problems
28th March 2022, Monday	9.50 – 10.30 am	Pulley Questions: Use of Energy Method
31st March 2022, Thursday	9.50- 10.30 am	Velocity and Acceleration when two Particles are involved
4th April 2022, Monday	9.50 – 10.30 am	Work Energy and Power
5th April 2022, Tuesday	9.00 – 9.40 am	Work Energy and Power
7th April 2022, Thursday	9.50- 10.30 am	Kinematics
11th April 2022, Monday	9.50 – 10.30 am	Kinematics
12th April 2022, Tuesday	9.00 – 9.40 am	Kinematics

18th April 2022, Monday	9.50 – 10.30 am	Momentum

Probability & Statistics 1 Grade 11

Crash Course Plan

Date / Day	Time Slot	Chapter Coverage
30 th March 2022, Wednesday	9.50- 10.30 am	Mock Paper Discussion
31 st March 2022, Thursday	11.30 – 12.10 pm	Representation of Data – Graphs
3 rd April 2022, Sunday	10.40 – 11.20 am	Representation of Data – Graphs
4 th April 2022, Monday	10.40 – 11.20 am	Representation of Data – Coding
6 th April 2022, Wednesday	9.50- 10.30 am	Permutations
7 th April 2022, Thursday	11.30 – 12.10 pm	Combinations
10 th April 2022, Sunday	10.40 – 11.20 am	Probability – Tree Diagrams
11 th April 2022, Monday	10.40 – 11.20 am	Probability
13 th April 2022, Wednesday	9.50- 10.30 am	Discrete Random Variables – Probability Distribution Tables

17 th April 2022, Sunday	10.40 – 11.20 am	Discrete Random Variables – Binomial & Geometric
18 th April 2022, Monday	10.40 – 11.20 am	The Normal Distribution – Reading the Table

Probability & Statistics 1 Grade 12

Date / Day	Time Slot	Chapter Coverage
30 th March 2022, Wednesday	10.40- 11.20 am	Mock Paper Discussion
31 st March 2022, Thursday	09.50- 10.30 am	Representation of Data – Graphs
3 rd April 2022, Sunday	9.50 – 10.30 am	Representation of Data – Graphs
4 th April 2022, Monday	9.50 – 10.30 am	Representation of Data – Coding

5 th April 2022, Tuesday	9.50 - 10.30 am	Permutations
6 th April 2022, Wednesday	10.40 – 11.20 am	Combinations
7 th April 2022, Thursday	09.50 – 10.30 am	Probability – Tree Diagrams
10 th April 2022, Sunday	09.50 – 10.30 am	Probability
11 th April 2022, Monday	9.50- 10.30 am	Discrete Random Variables – Probability Distribution Tables
12 th April 2022, Tuesday	09.00 – 09.40 am	Discrete Random Variables – Binomial & Geometric
13 th April 2022, Wednesday	10.40 – 11.20 am	The Normal Distribution – Reading the Table
14 th April 2022, Wednesday	9.50- 10.30 am	The Normal Distribution – Finding mean and SD
15 th April 2022, Thursday	09.50 – 10.30 pm	The Normal Distribution – Approximation

Pure Mathematics 3
12th Grade

Date	Chapter coverage
29.3.2022	Chapter 1: Algebra
31.3.2022	Chapter 2: Logarithmic and exponential functions
03.4.2022	Chapter 3: Trigonometry
05.4.2022	Chapter 4: Differentiation
07.3.2022	Chapter 5: Integration
10.3.2022	Chapter 6: Numerical solutions of equations
12.3.2022	Chapter 7: Further algebra
14.4.2022	Chapter 8: Further calculus
17.4.2022	Chapter 9: Vectors

Probability & Statistics 2

Crash Course Plan

Date / Day	Time Slot	Chapter Coverage
28th March 2022, Monday	9.50 – 10.30 am	Poisson Distribution
29th March 2022, Tuesday	9.00 – 9.40 am	Poisson Distribution
31st March 2022, Thursday	9.50- 10.30 am	Linear Combination of Random Variables
4th April 2022, Monday	9.50 – 10.30 am	Linear Combination of Random Variables
5th April 2022, Tuesday	9.00 – 9.40 am	Continuous Random Variables
7th April 2022, Thursday	9.50- 10.30 am	Sampling and Estimation
11th April 2022, Monday	9.50 – 10.30 am	Sampling and Estimation
12th April 2022, Tuesday	9.00 – 9.40 am	Hypothesis Tests – Binomial
18th April 2022, Monday	9.50 – 10.30 am	Hypothesis Tests – Poisson
19th April 2022, Tuesday	9.00 – 9.40 am	Hypothesis Tests – Normal
		Hypothesis Tests – Type 1 and Type 2