

**(2025)**  
GRADE 8-12 MATHS  
GRADE 10-12 SCIENCE

**50% OFF EARLYBIRD BOOKINGS**

FOR 2025 PACKAGES. OFFER VALID UNTIL MIDNIGHT 31 Dec 2024.

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**[www.scienceclinic.co.za](http://www.scienceclinic.co.za)**

Visit Science Clinic's website and select the PACKAGES page.  
Follow the prompts to complete a 2025 package booking.

# 1. FULL-CURRICULUM PROGRAMME FOR 2025

## © 1.1. DELIVERY MODEL FOR THE 2025 PROGRAMME

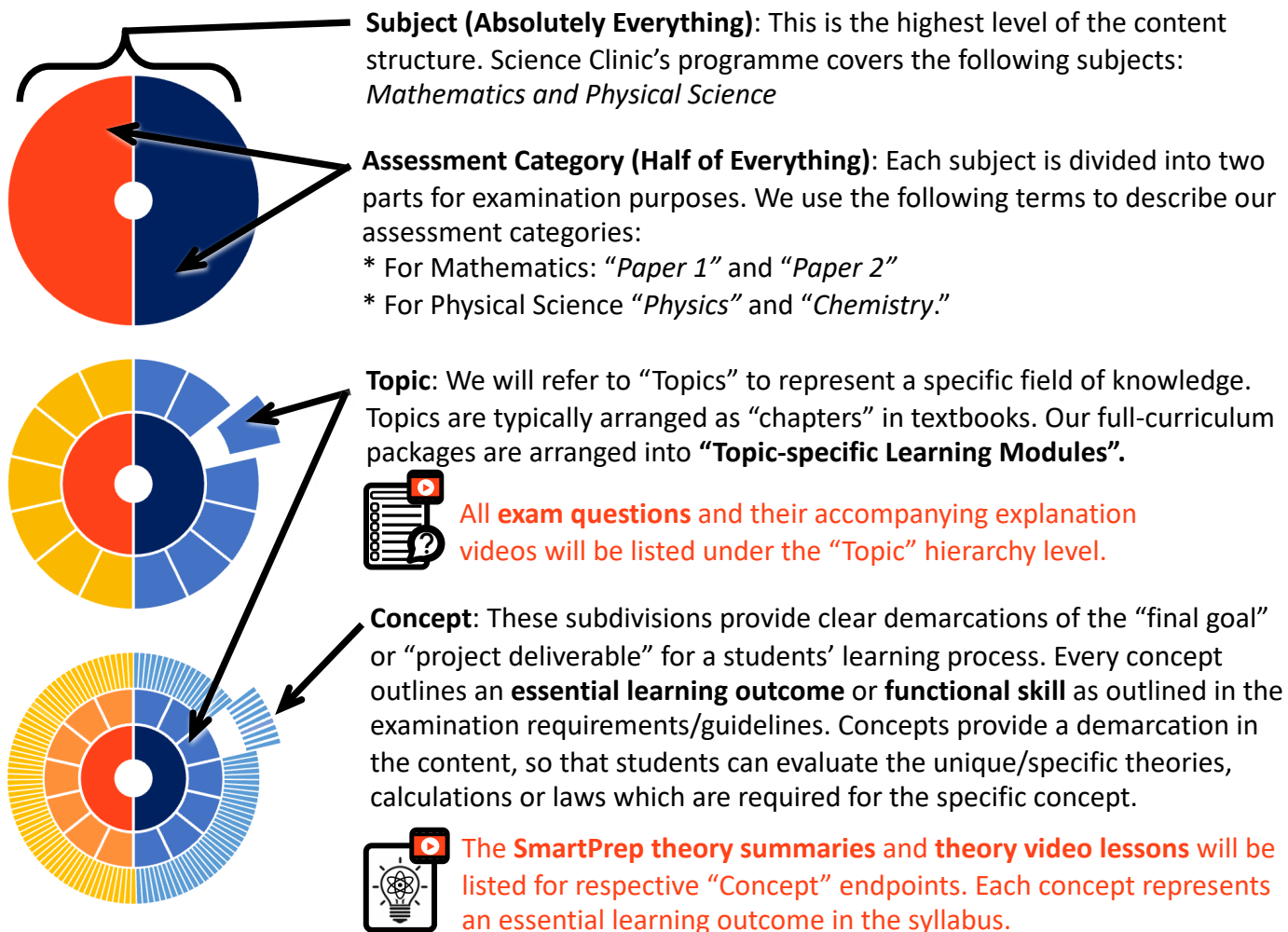
Earlybird bookings are open for our 2025 Maths and Science programme! As we look ahead to the next year, we'd like to share exciting updates to our programme structure. We're adapting our learning resources, content structure and lesson delivery platform to a "learn-on-demand" model.

The modified programme will address our students' actual learning preferences and habits. Over the past two years, we've observed a significant shift in how students engage with our offerings. While we've traditionally focused on hosting live Zoom courses as our primary service, attendance data shows a growing preference for the "offline learning resources" which are available in students' membership accounts. This trend reflects a need for flexibility, with students opting to study the topics they need, on their own schedules, rather than adhering to pre-scheduled live sessions. Time conflicts with extracurricular activities and varying academic needs have made it challenging for many students to commit to live classes.

Our goal is to empower students to learn exactly **what** they need to know, **when** they need it, in a way that works best for them on an individual basis. We are confident that our 2025 approach will provide practical benefits to boost individual students' academic outcomes.

## © 1.2. IMPROVED STRUCTURE FOR THE 2025 PROGRAMME

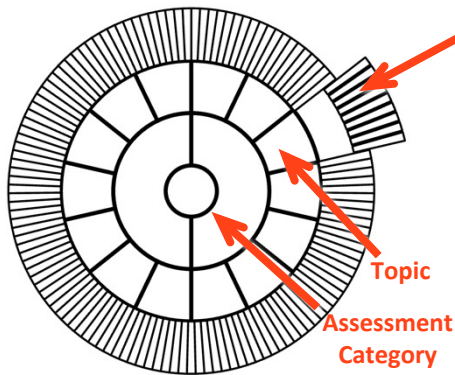
All learning resources will be categorised into a four-tier content structure. The learning resources (theory lessons and exam question/memo discussions) will be organised on the specified levels:



## 2. BENEFITS OF THE NEW PROGRAMME STRUCTURE

We're focused on a singular outcome: "To empower students to learn exactly **what** they need to know, **when** they need it, in a way that works best for them on an individual basis." The sections below explain the immense benefits of the new structure for students, at various stages of their studies:

### © 2.1. BENEFITS WHEN STARTING A NEW TOPIC



**Concepts provide a holistic checklist of objective learning outcomes:** The concepts resolve the expected learning outcomes from "vague theoretical ideas" to testable "can do" abilities – students can accurately assess their progress based on the required concept-specific calculations and explanations. This helps students to formulate concrete learning objectives with clearly defined deliverables.

**Preventing "blurred lines" between similar concepts:** When the new topic is "fresh" in a student's mind, some ideas might initially look like the same concept. By differentiating "similar looking" content into distinct learning outcomes, students can identify the nuanced differences.

### © 2.2. BENEFITS DURING THE LEARNING PROCESS

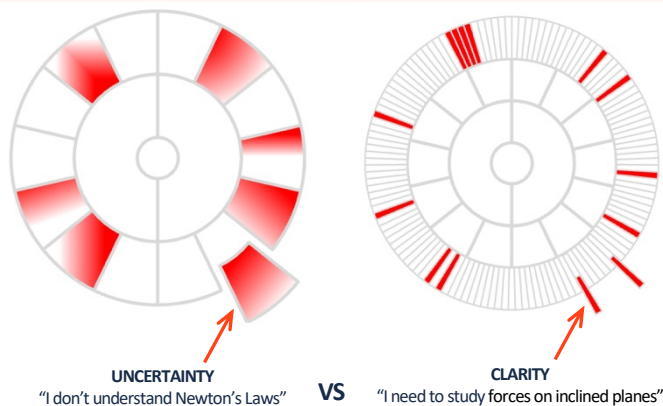
**Need to find a lesson for a specific concept? The new structure makes this quick and easy!** The long-video format that we've previously loaded in students' accounts pose significant challenges when students want to quickly brush up on a specific subsection of the work. We aim to eliminate the unnecessary tedium and frustration of scroll through lengthy videos to locate relevant content. Concepts will be listed under their respective topic headings. Simply check your topic tree, or look for the concept in the SmartPrep theory summary – the corresponding video lesson is linked to the concept in the book.

**Still can't find the relevant theory lesson?** We're implementing a keyword search feature so that students can look for all matching search results across all theory notes and video transcripts.

**Looking for the video explanation to an exam question?** Exam question and memorandums will be listed with their accompanying discussion videos. Student will no longer have to scroll through lengthy videos to find the relevant explanations.

**Progress tracking:** We're implementing a "can do" self-review feature which will allow students to track of their personal progress for respective concepts. The reporting accuracy of this tool will depend on the diligence of students to provide accurate feedback.

### © 2.3. BENEFITS DURING REVISION AND EXAM PREP



"I don't understand Newton's Laws"

VS

"I need to study forces on inclined planes"

The detailed content structure and the self-review tool will help students to pinpoint specific gaps in their understanding. Instead of feeling overwhelmed by uncertainty, students can focus on studying targeted areas. This level of specificity enables students to systematically address their weaknesses, to measure actual progress and to ensure that no concept is left unaddressed.

#### THIS IS WHERE THE MAGIC HAPPENS!

One of our primary objectives is to create systems and content structures which allow students to identify the gaps in their knowledge, so that they can focus their revision on improving those specific areas. We aim to overcome the paradox of addressing one's own ignorance: "If you don't know what you don't know", then "how are you supposed to identify what you need to study in order to improve your knowledge?"

As mentioned in the previous section, we're implementing a concept-specific self-review tool which students can use to evaluate their own progress throughout the year. It will comprise a simple "I can do" vs "I can't do" checklist which will allow students to target the "problem areas" in their own knowledge by the time they need to revise for the exams.

# 3. 2025 PACKAGES: ITEMISED DESCRIPTION OF FEES

## © 3.1. PACKAGE OPTIONS, LEARNING RESOURCES & TOTAL COSTS

The table below provides an itemised list of the learning resources and services for every package. Refer to the Page 4-7 for detailed lists of the respective package's topic-specific modules.

Package options	Number of topic-specific learning modules in the specific package	In-depth theory videos per learning module (total avg. lesson time)	Exam questions/memos per learning module (with accompanying solution video, as well as extra resources)	Live online finals revision course (in this package)	Package fee (at the current 50% discount)
<b>Grade 12 Maths</b>	18 x modules	Avg 3 hours	At least 15 questions with accompanying solution videos to explain the answers, plus 10 more question/memo PDFs. <b>BONUS: Videos to discuss the solutions for the IEB/DBE final exams for 2023/2024.</b>	1x 10-12hr Paper 1 1x 10-12hr Paper 2	<b>R2 380</b>
<b>Grade 12 Science</b>	18 x modules (for DBE) 17 x modules (for IEB)	Avg 3 hours	At least 15 questions with accompanying solution videos to explain the answers, plus 10 more question/memo PDFs. <b>BONUS: Videos to discuss the solutions for the IEB/DBE final exams for 2023/2024.</b>	1x 10-12hr Physics 1x 10-12hr Chemistry	<b>R2 380 (DBE) R2 282 (IEB)</b>
<b>Grade 12 Maths &amp; Science</b>	Sum of the above two packages	Combination of the above	Combination of the above	Combination of the above	<b>R4 662 (IEB) R4 760 (DBE)</b>
<b>Grade 11 Maths</b>	16 x modules	Avg 2,5 hours	At least 12 questions with accompanying solution videos to explain the answers, plus 10 more question/memo PDFs.	1x 10-12hr Paper 1 1x 10-12hr Paper 2	<b>R2 185</b>
<b>Grade 11 Science</b>	13 x modules	Avg 2,5 hours	At least 12 questions with accompanying solution videos to explain the answers, plus 10 more question/memo PDFs.	1x 10-12hr Physics 1x 10-12hr Chemistry	<b>R1 893</b>
<b>Grade 11 Maths &amp; Science</b>	Sum of the above two packages	Combination of the above	Combination of the above	Combination of the above	<b>R4 078</b>
<b>Grade 10 Maths</b>	15 x modules	Avg 2 hours	At least 10 questions with accompanying solution videos to explain the answers, plus 5 more question/memo PDFs.	1x 10-12hr Paper 1 1x 10-12hr Paper 2	<b>R1 750</b>
<b>Grade 10 Science</b>	16 x modules	Avg 2 hours	At least 10 questions with accompanying solution videos to explain the answers, plus 5 more question/memo PDFs.	1x 10-12hr Physics 1x 10-12hr Chemistry	<b>R1 825</b>
<b>Grade 10 Maths &amp; Science</b>	Sum of the above two packages	Combination of the above	Combination of the above	Combination of the above	<b>R3 575</b>
<b>Grade 9 Maths</b>	15 x modules	Avg 2 hours	At least 10 questions with accompanying solution videos to explain the answers, plus 5 more question/memo PDFs.	Live online events will <i>not</i> be hosted for this grade	<b>R1 088</b>
<b>Grade 8 Maths</b>	16 x modules	Avg 2 hours	At least 10 questions with accompanying solution videos to explain the answers, plus 5 more question/memo PDFs.	Live online events will <i>not</i> be hosted for this grade	<b>R1 000</b>

## © 3.2. STANDARD SERVICE FEES FOR COURSES/MODULES

Standard service fees define the base rate for selectively booking separate modules/courses. The package fees are the discounted total sum of standard fees for the respective modules/courses in a package.

Grade	Topic-specific self-study modules	Online revision courses
Grade 12	Avg. 3 hours theory videos   Min. 15 exam videos   <b>R195/module</b>	10-12 hours pre-scheduled live online session   <b>R625/course</b>
Grade 11	Avg. 2,5 hours theory videos   Min. 12 exam videos   <b>R195/module</b>	10-12 hours pre-scheduled live online session   <b>R625/course</b>
Grade 10	Avg. 2 hours theory videos   Min. 10 exam videos   <b>R195/module</b>	10-12 hours pre-scheduled live online session   <b>R625/course</b>
Grade 9	Avg. 2 hours theory videos   Min. 10 exam videos   <b>R145/module</b>	<b>not available for this group</b>
Grade 8	Avg. 2 hours theory videos   Min. 10 exam videos   <b>R125/module</b>	<b>not available for this group</b>

GR

# 12 MATHS

EARLYBIRD PRICE FOR 2025 PACKAGE  
50% DISCOUNT VALID UNTIL 31 Dec 2024

# R2380<sup>00</sup>

## 18X TOPIC-SPECIFIC LEARNING MODULES

### MATHS P1

Algebra: Simplification of Expressions

Algebra: Solving Equations

Sequences and Series

Functions: Recap of all foundations

Functions: Drawing and reading graphs

Functions: Inverses and Logarithms

Differential Calculus

Finance, growth and decay

Probability

### MATHS P2

Euclidean Geometry: Circles

Euclidean Geometry: Triangles

Analytical Geometry: Core Theory

Analytical Geometry: Circle Theory

Trig: Simplification of expressions

Trig: Solving equations

Trig: Sketching/Interpreting Graphs

Trig: Solving 3D Problems

Statistics



#### Avg 3 hours theory lessons per module:

Pre-recorded video lessons for the key concepts and skill outcomes in the theory, segmented in 5-20min snippets. Videos linked with respective concept sections in the accompanying SmartPrep theory summaries.

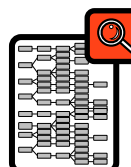


#### At least 15 question videos per module:

A selection of exam questions/memos, with videos to explain the answers/solutions.

#### Bonus for Matrics:

Full video discussions will be provided for the 2023 and 2024 Final Exams (IEB/DBE).



#### Content structure and keyword search:

The content tree will be segmented into a listing of modules, topics and concepts. A keyword search will allow students to rapidly access specific parts of the content.

## 2X LIVE FINAL EXAM REVISION COURSES

GR

# 12 SCIENCE

EARLYBIRD PRICE FOR 2025 PACKAGE  
50% DISCOUNT VALID UNTIL 31 Dec 2024

# R2380<sup>00</sup>

## 18X TOPIC-SPECIFIC LEARNING MODULES

### PHYSICS

Newton's Laws (I-III and Gravitation)

Momentum and Impulse

Work Energy and Power

Vertical Projectile Motion

Electricity and Circuits

Electrostatics

Electrodynamics

Photoelectric Effect

Doppler Effect (DBE only)

### CHEMISTRY

IMF and Energy Change

Rate of reaction

Chemical Equilibrium

Acids and Bases

Organic Chemistry - Intro and Naming

Organic Chemistry - IMF

Organic Chemistry - Reactions

Redox Reactions

Electrochemistry



#### Avg 3 hours theory lessons per module:

Pre-recorded video lessons for the key concepts and skill outcomes in the theory, segmented in 5-20min snippets. Videos linked with respective concept sections in the accompanying SmartPrep theory summaries.

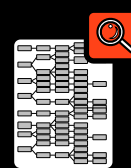


#### At least 15 question videos per module:

A selection of exam questions/memos, with videos to explain the answers/solutions.

#### Bonus for Matrics:

Full video discussions will be provided for the 2023 and 2024 Final Exams (IEB/DBE).



#### Content structure and keyword search:

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## 2X LIVE FINAL EXAM REVISION COURSES

GR

# MATHS

EARLYBIRD PRICE FOR 2025 PACKAGE  
50% DISCOUNT VALID UNTIL 31 Dec 2024

# R2185<sup>00</sup>

## 16X TOPIC-SPECIFIC LEARNING MODULES

### MATHS P1

Algebra: Simplifying Expressions

Algebra: Exponents and Surds

Algebra: Equations, Inequalities, Roots

Number Patterns and Sequences

Functions: Recap of all foundations

Functions: Quadratic Functions

Functions: Shifting and Scaling Graphs

Finance, growth and decay

Probability

### MATHS P2

Euclidean Geometry: Foundations

Euclidean Geometry: Circle Theorems

Analytical Geometry

Trigonometry: Expressions & Functions

Trigonometry: Solving Equations

Trigonometry: Graphs

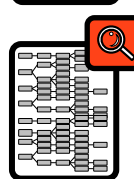
Statistics



**Avg 2,5 hours theory lessons per module:**  
Pre-recorded video lessons for the key concepts and skill outcomes in the theory, segmented in 5-20min snippets. Videos linked with respective concept sections in the accompanying SmartPrep theory summaries.



**At least 15 question videos per module:**  
A selection of exam questions/memos, with videos to explain the answers/solutions.



**Content structure and keyword search:**  
The content tree will be segmented into a listing of modules, topics and concepts. A keyword search will allow students to rapidly access specific parts of the content.

## 2X LIVE FINAL EXAM REVISION COURSES

GR

# SCIENCE

EARLYBIRD PRICE FOR 2025 PACKAGE  
50% DISCOUNT VALID UNTIL 31 Dec 2024

# R1892<sup>50</sup>

## 13X TOPIC-SPECIFIC LEARNING MODULES

### PHYSICS

Vectors and Forces

Newton's Laws of Motion

Newton's Law of Universal Gravitation

Electricity and Circuits

Electrostatics

Electromagnetism

### CHEMISTRY

Molecular Structure and Bonding

Intermolecular Forces

Quantitative Aspects of Chemical Change

Energy and Chemical Change

Acids and Bases

Redox Reactions

Organic Chemistry: Intro and Naming



**Avg 2,5 hours theory lessons per module:**  
Pre-recorded video lessons for the key concepts and skill outcomes in the theory, segmented in 5-20min snippets. Videos linked with respective concept sections in the accompanying SmartPrep theory summaries.



**At least 15 question videos per module:**  
A selection of exam questions/memos, with videos to explain the answers/solutions.



**Content structure and keyword search:**  
The content tree will be segmented into a listing of modules, topics and concepts. A keyword search will allow students to rapidly access specific parts of the content.

## 2X LIVE FINAL EXAM REVISION COURSES

GR

# 10 MATHS

EARLYBIRD PRICE FOR 2025 PACKAGE  
50% DISCOUNT VALID UNTIL 31 Dec 2024

# R1750<sup>00</sup>

## 15X TOPIC-SPECIFIC LEARNING MODULES

### MATHS P1

Algebra: Simplification of Expressions

Algebra: Factorisation and Fractions

Algebra: Exponents

Algebra: Equations and Inequalities

Number Patterns

Functions: Graphs & Finding Equations

Functions: Shifting & Scaling Graphs

Finance, growth and decay

Probability

### MATHS P2

Euclidean Geometry

Analytical Geometry

Trigonometry: Expressions & Functions

Trigonometry: Solving Equations

Trigonometry: Graphs

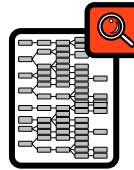
Statistics



**Avg 2 hours theory lessons per module:**  
Pre-recorded video lessons for the key concepts and skill outcomes in the theory, segmented in 5-20min snippets. Videos linked with respective concept sections in the accompanying SmartPrep theory summaries.



**At least 10 question videos per module:**  
A selection of exam questions/memos, with videos to explain the answers/solutions.



**Content structure and keyword search:**  
The content tree will be segmented into a listing of modules, topics and concepts. A keyword search will allow students to rapidly access specific parts of the content.

## 2X LIVE FINAL EXAM REVISION COURSES

GR

# 10 SCIENCE

EARLYBIRD PRICE FOR 2025 PACKAGE  
50% DISCOUNT VALID UNTIL 31 Dec 2024

# R1825<sup>00</sup>

## 16X TOPIC-SPECIFIC LEARNING MODULES

### PHYSICS

Vectors and Scalars

Motion in 1D

Energy

Magnetism

Electricity

Electrostatics

Pulses and Waves

Sound and Electromagnetic Waves

### CHEMISTRY

Classification of matter

Naming and Formulae

The Atom

The Periodic Table

Chemical Bonding

Physical And Chemical Change

Chemical Reactions

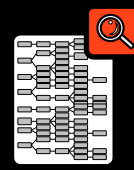
Quantitative Aspects of Chemical Change



**Avg 2 hours theory lessons per module:**  
Pre-recorded video lessons for the key concepts and skill outcomes in the theory, segmented in 5-20min snippets. Videos linked with respective concept sections in the accompanying SmartPrep theory summaries.



**At least 10 question videos per module:**  
A selection of exam questions/memos, with videos to explain the answers/solutions.



**Content structure and keyword search:**  
The content tree will be segmented into a listing of modules, topics and concepts. A keyword search will allow students to rapidly access specific parts of the content.

## 2X LIVE FINAL EXAM REVISION COURSES

GR 9

# MATHS

EARLYBIRD PRICE FOR 2025 PACKAGE  
50% DISCOUNT VALID UNTIL 31 Dec 2024

# R1087<sup>50</sup>

## 15X TOPIC-SPECIFIC LEARNING MODULES

### MATHS P1

Numerical Operations and Fractions

Algebra

Exponents

Equations: Mathematical Solutions

Equations: Word Problems

Number Patterns

Linear Graphs

Finance and Interest

Rate and Proportion

### MATHS P2

Lines and Angles

Triangles and Pythagoras

2D Shapes and Quadrilaterals

Measurement of Shapes

Introduction to Statistics

Introduction to Probability



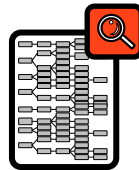
#### Avg 2 hours theory lessons per module:

Pre-recorded video lessons for the key concepts and skill outcomes in the theory, segmented in 5-20min snippets. Videos linked with respective concept sections in the accompanying SmartPrep theory summaries.



#### At least 10 question videos per module:

A selection of exam questions/memos, with videos to explain the answers/solutions.



#### Content structure and keyword search:

The content tree will be segmented into a listing of modules, topics and concepts. A keyword search will allow students to rapidly access specific parts of the content.

GR 8

# MATHS

EARLYBIRD PRICE FOR 2025 PACKAGE  
50% DISCOUNT VALID UNTIL 31 Dec 2024

# R1000<sup>00</sup>

## 16X TOPIC-SPECIFIC LEARNING MODULES

### MATHS P1

Number systems (2 Lessons)

Algebraic Expressions

Exponents

Equations: Mathematical Solutions

Equations: Word Problems

Number Patterns

Basic Graph Interpretations

Introductions to Financial Maths

Ratio and Rate

### MATHS P2

Lines and Angles

Triangles and Pythagoras

2D Shapes and Quadrilaterals

Measurement of Shapes

Introduction to Statistics

Introduction to Probability



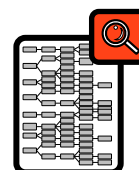
#### Avg 2 hours theory lessons per module:

Pre-recorded video lessons for the key concepts and skill outcomes in the theory, segmented in 5-20min snippets. Videos linked with respective concept sections in the accompanying SmartPrep theory summaries.



#### At least 10 question videos per module:

A selection of exam questions/memos, with videos to explain the answers/solutions.



#### Content structure and keyword search:

The content tree will be segmented into a listing of modules, topics and concepts. A keyword search will allow students to rapidly access specific parts of the content.