

# FUNDAMENTALS

Are learners struggling to master a particular concept in a particular subject in the senior curriculum, or do they need a bridging course before they attend university? Do some of them want to get a distinction but keep getting beaten by an elusive concept or two? Then the Fundamental series is just what you have been waiting for.



Key concepts, fundamental to the understanding of a particular subject, are presented on these DVDs.

Subjects		Concepts presented on DVD	
 <p><b>Fundamental Accounting Gr 12</b> ISBN 978-1-4312-0157-0</p>	 <p><b>Fundamental Accounting (Bridging Course)</b> ISBN 978-1-4312-0193-8</p>	<ul style="list-style-type: none"> <li>• Bank reconciliations</li> <li>• VAT</li> <li>• Inventory</li> <li>• Debtors' reconciliations</li> <li>• Creditors' reconciliations</li> <li>• Manufacturing</li> <li>• Production costs</li> <li>• Financial analysis</li> <li>• Budgets</li> <li>• Corporate governance</li> </ul>	<ul style="list-style-type: none"> <li>• Companies, share capital, income tax and dividends</li> <li>• Income statement</li> <li>• Balance Sheet</li> <li>• Cash flow statement</li> </ul>
 <p><b>Fundamental English Gr 12</b> ISBN 978-1-4312-0158-7</p>	 <p><b>Fundamental English (Bridging Course)</b> ISBN 978-1-4312-0194-5</p>	<ul style="list-style-type: none"> <li>• Parts of speech</li> <li>• Figures of speech</li> <li>• Punctuation</li> <li>• Language terminology</li> <li>• Phrases and clauses</li> <li>• Emotive language</li> <li>• Emotive language: Humour</li> <li>• Summary techniques</li> <li>• Genre study</li> <li>• Writing Part 1: Essays</li> <li>• Writing Part 2: Transactional writing</li> <li>• Orals</li> </ul>	<ul style="list-style-type: none"> <li>• Revision</li> <li>• Critical language awareness</li> <li>• Tenses</li> <li>• Verbs, concord and conditionals</li> <li>• Direct and reported speech/ Active and passive voice</li> <li>• Reading skills</li> <li>• More visual literacy</li> </ul>
 <p><b>Fundamental Geography Gr 12</b> ISBN 978-1-4312-0159-4</p>	 <p><b>Fundamental Geography (Bridging Course)</b> ISBN 978-1-4312-0195-2</p>	<ul style="list-style-type: none"> <li>• Climatology Part 1</li> <li>• Climatology Part 2</li> <li>• Climatology Part 3</li> <li>• Climatology Part 4</li> <li>• Climatology Part 5</li> <li>• Geomorphology Part 1</li> <li>• Geomorphology Part 2</li> <li>• Geomorphology Part 3</li> <li>• People and places: Rural settlements</li> <li>• People and places: Urban settlements</li> </ul>	<ul style="list-style-type: none"> <li>• People and places: South Africa Part 1</li> <li>• People and places: South Africa Part 2</li> <li>• People and places: South Africa Part 3</li> <li>• Mapwork</li> <li>• Q&amp;A section for each concept</li> </ul>

Subjects		Concepts presented on DVD	
 <p><b>Fundamental Life Sciences Gr 12</b> ISBN 978-1-4312-0160-0</p>	 <p><b>Fundamental Life Sciences (Bridging Course)</b> ISBN 978-1-4312-0196-9</p>	<ul style="list-style-type: none"> <li>DNA and RNA</li> <li>Protein synthesis</li> <li>Meiosis and mutations</li> <li>Genetics</li> <li>Genetics in society</li> <li>Introduction to reproduction; plant reproduction</li> <li>Human reproduction</li> <li>Threats to biodiversity</li> <li>Land issues</li> <li>Pollution</li> <li>The theory of evolution</li> <li>Variation and speciation</li> </ul>	<ul style="list-style-type: none"> <li>Macro-evolution</li> <li>Fossils</li> <li>Extinctions</li> <li>Human evolution</li> </ul>
 <p><b>Fundamental Mathematics Gr 12</b> ISBN 978-1-4312-0161-7</p>	 <p><b>Fundamental Mathematics (Bridging Course)</b> ISBN 978-1-4312-0197-6</p>	<ul style="list-style-type: none"> <li>Linear programming</li> <li>Financial mathematics 1: Annuities</li> <li>Financial mathematics 2: Loans</li> <li>Number patterns 1: Arithmetic</li> <li>Number patterns 2: Geometric</li> <li>Number patterns 3: Quadratic</li> <li>Calculus 1: Differentiation</li> <li>Calculus 2: Graphing</li> <li>Functions 1: Parabola</li> <li>Functions 2: Hyperbola</li> <li>Functions 3: Exponential functions</li> <li>Functions 4: Log graph</li> </ul>	<ul style="list-style-type: none"> <li>Functions 5: The exam question</li> <li>Trigonometric identities 1: Compound angles</li> <li>Trigonometric identities 2: Double angles</li> <li>Trigonometric graphs</li> <li>Circles</li> <li>Transformation geometry</li> <li>Data handling: Deviation, regression and correlation</li> <li>Data handling: Probability</li> <li>Circle geometry</li> <li>Q&amp;A section for each concept</li> </ul>
 <p><b>Fundamental Physical Science Gr 12</b> ISBN 978-1-4312-0162-4</p>	 <p><b>Fundamental Physical Science (Bridging Course)</b> ISBN 978-1-4312-0198-3</p>	<ul style="list-style-type: none"> <li>Force and momentum</li> <li>Work, energy and power</li> <li>Vertical projectile motion</li> <li>Waves, sound and light: The Doppler Effect</li> <li>Waves, sound and light: Colour</li> <li>Waves, sound and light: 2D and 3D wave fronts</li> <li>Electricity and magnetism: EM radiation</li> <li>Electricity and magnetism: Electrodynamics</li> <li>Electricity and magnetism: Electrostatics</li> <li>Electricity and magnetism: Electric circuits</li> <li>Matter and materials: Optical phenomenon</li> </ul>	<ul style="list-style-type: none"> <li>Chemical change: Rate of reaction</li> <li>Chemical change: Chemical equilibrium</li> <li>Chemical systems: The fertiliser industry</li> <li>Chemical change: Electrochemical reactions</li> <li>Chemical systems: Chemical industries</li> <li>Matter and materials: Organic molecules</li> <li>Matter and materials: Polymers</li> <li>Q&amp;A section for each concept</li> </ul>

### Bonus feature on each DVD

A document that focuses on how to meet the specific study requirements for that subject. Learners can print and study this document to help them prepare for those tests and examinations for a specific subject.



In approximately 8 hours for each subject, an experienced facilitator takes you through the theory needed to understand the concepts for that subject. Where necessary (to facilitate an understanding of a concept), worked examples are included. This highly visual product includes video clips, animations and a range of visual material that will help you to master the particular concepts in an informative and stimulating way.