# IT is gr8! @ Grade 12

# Theory

Chris Noomé  Keith Gibson

Pam Macmillan  Ulza Wassermann

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PO Box 52654, Dorandia, 0188
Tel: (012) 565-6469
Fax: (012) 546-5313
E-mail: study.opp@mweb.co.za
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# WORK PLAN

Grade 12 is different from the last two years – mainly because of the Matric exam at the end of the year. In this exam you will be expected to know ALL the theory work that you covered in Grades 10–12.

Modules 5.1 to 5.3 in this book have been created to help you revise Gr10/11 work. We recommend that, before you tackle a Grade 12 module, you first revise the related Gr10/11 work as set out below.

## Term 1

| **Modules to be completed** | **Gr10/11: REVISE FIRST!** |
|---|---|
| Module 1.1: Hardware | Module 5.1: Case Studies Term 1:<br>*Basic concepts of computing, Hardware*, Pages 132 – 136 |
| Module 2.1: Network configuration | Module 5.1: Case Studies Term 1:<br>*Introduction to networks*, Pages 136 – 139 |
| Module 2.2: Security concepts | Module 5.1: Case Studies Term 1:<br>*E-communications*, Pages 139 – 141 |
| Module 3.1: Keeping up with technology | Module 5.1: Case Studies Term 1:<br>*ICT issues*, Pages 141 – 142 |
| Module 4.1: Database design and concepts | Module 5.1: Case Studies Term 1:<br>*Data and databases*, Pages 142 – 145 |
| Module 4.2: Database management | |

## Term 2

| **Modules to be completed** | **Gr10/11: REVISE FIRST!** |
|---|---|
| Module 1.2: Cloud computing | Module 5.2: Case Studies Term 2:<br>*Software,* Pages 146 – 148 |
| Module 1.3: Computer management | Module 5.2: Case Studies Term 2:<br>*Computer management and safety*, Pages 149 – 151 |
| Module 3.2: Computer crimes and criminals | Module 5.2: Module 5.2: Case Studies Term 2:<br>*IT in society and the workplace*, Pages 151 – 152 |

# Term 3

| Modules to be completed | Gr10/11: REVISE FIRST! |
|---|---|
| Module 2.3: The evolving Web | Module 5.3: Case Studies Term 3: *Internet and WWW*, Pages 153 – 156 |
| Module 2.4: Internet Services Technologies | Module 5.3: Case Studies Term 3: *Internet Services*, Pages 156 – 157 |
| Module 3.3: Critical computing | |
| Module 3.4: The impact of social networking on society | |
| Module 4.3: Data collection, warehousing, mining | |

# Term 4

| Complete Case Study |
|---|
| Module 5.4: Case Study Term 4 |

**Tips for Gr10/11 revision:**

- Revise your summaries or notes of previous years.
- Revise the glossary items and complete the activities in the relevant Case Studies modules.