

## LIFE ORIENTATION

**DATE: 30 MAY 2017**

**LENGTH OF PAPER: 1 HR 15min**

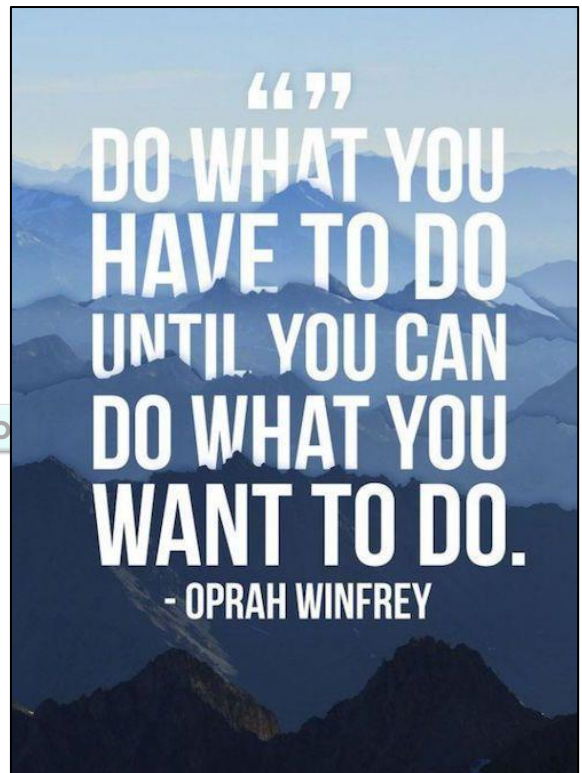
**MARK ALLOCATION: 70 MARKS +  
30 MARKS for PE = 100**

- Development of self in society pgs. 10 - 20
- Sexuality pgs. 24 - 33
- Relationships and friendships pgs. 36 - 43
- Different learning styles pgs. 46 – 48
- Learning styles pgs. 54 – 56
- Career categories pgs. 59 - 65
- Role of work pgs. 66 – 68
- Substance abuse pgs. 74 - 81

### SECTION A:

All questions are compulsory:

- Multiple choice
- True/false
- Match the column
- Fill in the missing answer
- Choose the correct word



### SECTION B:

- All questions are compulsory.
- Short questions

### SECTION C:

You will be given **three** questions of which you must answer **two** questions. Essay type questions.

- Case study
- Scenarios



## MATHEMATICS

### XFactor Book

**Module 1:** Whole Numbers

**Module 2:** Ratio, Rate and Proportion

**Module 3:** Financial Mathematics

**Module 4:** Integers

**Module 5:** Exponents

**Module 6:** Common Fractions

**Module 7:** Decimal Fractions

**Module 8:** Percentages

**Module 9:** Number Patterns

**Module 10:** Functions and Relationships

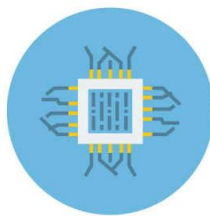
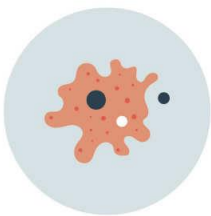
**Module 11:** Algebraic Expressions

**Module 12:** Algebraic Equations

**Module 13:** Geometry: Lines, Angles and Triangles

**Module 14:** Geometry: Quadrilaterals





## NATURAL SCIENCES

9 April 2017

Life & Living / Matter & Materials – 120 Marks 2 hrs

Resources: *DocScientia* (pages indicated) & class notes

Life & Living strand – 60 Marks

UNIT 1	Photosynthesis & Respiration	pg 13 – 27
UNIT 2	Interactions & Interdependencies	pg 29 – 76
UNIT 3	Micro-organisms	pg 83 – 93

Matter & Materials strand – 60 Marks



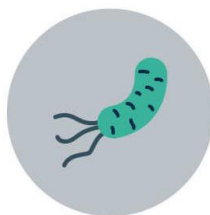
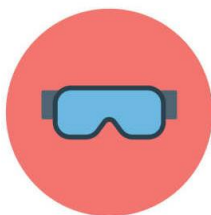
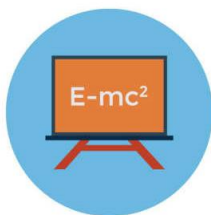
UNIT 1	Atoms	pg 113 – 127
UNIT 2	Particle model of matter	pg 131 – 151
UNIT 3	Chemical reactions	pg 159 – 163

Scientific skills & Data handling

Blue book pg 4 – 29

Term assessments:

Investigation (±16%) + Term Test (±24%) + Exam Paper (±60%) = Term mark



# SOCIAL SCIENCES

## *Geography*

What to Study:

**Resource book pages 2 - 47.**

**Topics:**

**A. Settlement & Land Use:**

- How to describe a settlement
- Rural Settlements and farming
- Urban Settlements
- Land use Zones

**B. Map & Globes:**

- Latitude and longitude
- Coordinates
- Compass and direction
- Map scales
- Measuring distance
- Time zones
- Reasons for the seasons
- Satellites

**Additional Resource:**

**Textbook Module 5 & Module 1**

Module 5: Settlements: pgs. 93 -114

Module 1: Maps & Globes: pgs. 8 - 26

**Equipment needed for Exam:**

Pen, pencil, eraser, ruler, calculator, string/ edge of paper



## SOCIAL SCIENCES

### *History*

Learners must study the following content that they will find in their History resource book:

#### **CHAPTER 1: The Industrial Revolution in Britain**

Study the following for source-based question:

What was the Industrial Revolution, pg. 3

Why did the Industrial Revolution Start in Britain, pg. 4-5

How did changes in agriculture fuel industrialisation, pg.10-12

Major changes in Industry:

- The Textile Industry, pg.13-14
- Invention of Steam Power, pg. 15
- The Coal Industry, pg.16
- The Iron Industry, pg. 17
- The Transport Industry, pg. 18



Major changes in Society:

- The living conditions during the Industrial Revolution, pg. 24-25
- Workhouses, pg. 43
- Women and child labour during the Industrial Revolution, pg. 54-56



Study the following for essay question:

Textile Industries before and after the Industrial Revolution, pg. 13-14

Workhouses, pg. 43

Learners can use the activities in their resource book as revision.

Learners must also remember the three levels of questions on pg. 26-28, which will help them to answer source-based questions.

Formation of Exam:

Time: 1 hour

50 marks: Source-based questions (30 marks) + Essay (20 marks)

# TECHNOLOGY

**Technology Grade 8 June Exam 2017 Total:100 (Term mark: Mini Pat 70% Exam 30%)**

**Design Process** – Investigate ,Design (Brief,Specifications,Constraints) Notes

**System Diagram** (Input, Process,Output)

**Communication** – Sketching – Rendering, Shading; Texture p 40- 42

Working on scale p 29 -31

Isometric (30 degree line – 3D using grid) p33

Orthographic (show 3 sides in 2D) p31/32

Line types notes and p 29

How to dimension p 30

Drawing of development p 73

Mechanical systems and control (p44 – 52) Notes

**Impact of Technology p 62 – 80** (Natural vs artificial/Packaging/recycling of paper and plastic)

**Forces acting on structures/Properties of materials to withstand forces p 81 - 86**

**Sample test p 92 – 94**

**Refer to all notes and activities in work book.**

**Learner must have understanding of all concepts and be able to apply knowledge in different contexts**

