

# Controlled test – Study notes November 2022

## Senior Phase

### Thursday 17 November – English (Gr 7)

#### Grade 7 English - Term 4 Study Note

- Collective nouns (pg.147)
- Pronouns (pg. 173, 200-201,232-233)
- Abstract nouns (pg. 10)
- Singular and plurals (pg. 106-107)
- Antonyms and synonyms (pg. 142)
- Adverbial forms (pg. 144)
- Compound sentences (pg. 145, 217-218)
- Direct and Indirect speech (pg.100-101)
- Spelling and Punctuation (pg. 119, 150, 194, 206)
- Adjectives (217-218)
- Prepositions (pg. 193-194)
- Complex sentences (pg. 145, 156, 217-218)
- Main clauses in a sentence (pg. 144, 156)
- Active and Passive voice (pg.132-133)

### Friday 18 November – Afrikaans (Grade 7)

#### Grade 7 Afrikaans - Term 4 Study Note

- Spotprent
  - Advertensie
  - Begripstoets
  - Opsomming
  - 
  - Taalwerk
  - Versamelname
- Handboek en Stelwerkboek
- BI 227

- Enkelvoud en meervoud	Bl 262
- Antoniem en Sinonieme	Bl 239, 244, 263
- Voegwoorde	Bl 258, 228
- Direk en Indirekte Rede	Bl 226, 267
- Leestekens	Bl 230
- Byvoeglike naamwoorde	Bl 227, 230, 237
- Voorsetsels	Bl 262
- Lydende en Bedrywende vorm	Bl 240, 226, 263, 267
- Intensiewe vorm	Bl 227, 230, 257, 266
- Idiome	Bl 204, 254

## **Monday 21 November – English (Grade 5 + 6) & EMS (Gr 7)**

### **Grade 7 EMS - Term 4 Study Note**

#### • Paper 1

• Topic	Pages
• 1. Primary and Secondary needs	18
• 2. Consumers and Producers	30
• 3. Trading, Manufacturing, and services businesses	40 - 41
• 4. The Entrepreneur	97 – 106
• 5. Creating sustainable job opportunities	142
• 6. The Economy	152 - 159
• 7. Extra study notes	
•	

#### • Paper 2

• Topic	Pages
• 1. Capital, Assets and Liabilities	52 – 54
• 2. Income, Expenses, Profit and Loss	55 – 57
• 3. Personal income and expenses	66 – 67
• 4. Net worth	69
• 5. Entrepreneurial action of producing	103
• 6. Inequality and poverty in South Africa	132
• 7. Production, Inputs and Outputs	149
• 8. Personal savings	162
• 9. Investments	169
• 10. Extra study notes	

### **Grade 6 English - Term 4 Study Note**

- **Simple Past Tense** Pg. 27,30
- Plurals (Words that end on –es) - Exercise in script
- **Punctuation marks (Full stops, commas question marks, exclamation marks)** Pg. 144

- Prepositions - Exercise in script
- Opposites (Antonyms) - Exercise in script
- Synonyms - Exercise in script
- Degrees of Comparison - Exercise in script
- **Conjunctions Pg. 203 (compound sentences)**
- **Adverbs of frequency, degree, duration, manner, time and place. Pg. 186, 191, 202**
- Past Continuous Tense - Exercise in script
- Negative Form - Exercise in script
- Question Form - Exercise in script
- Summary Writing - Exercise in script

### Grade 5 English - Term 4 Study Note

- Simple tenses (past, present and future)
- Plurals
- Punctuation
- Prepositions
- Degree of comparison
- Conjunctions
- Synonyms
- Antonyms
- Study ALL the notes AND activities in BOOK 1 for the above language concepts.

## **Tuesday 22 November – Maths (Grade 4 - 6) + Life Orientation (Grade 7)**

### Grade 7 Life Orientation - Term 4 Study Note

- Substance abuse pg. 114-115, 120
- Environmental Health pg. 134-135
- Problem solving pg. 142
- Personal diet and nutrition pg. 164-165, 168-169
- Common diseases pg. 174-177, 180-181, 184

### Grade 6 Maths - Term 4 Study Note

- Whole numbers: p 19-23; 33-38; 179-181, 183-187; 249-255
- Common fractions: p 39-48
- Numeric patterns: p 74-80
- Geometric patterns: p 115-123
- Decimal fractions: p 135-145
- Length: p 222-225

- Time: p 49-57
- Mass: p 171-178
- Transformation: p 197-200; 287-290
- Properties of 2D-shapes p 192-196
- Properties of 3D-objects p 262-266
- Perimeter, Area and Volume p 267-276
- Data handling p 210-215
- STUDY ALL EXTRA NOTES

### Grade 5 Maths - Term 4 Study Note

<u>Topic</u>	<u>Page number</u>
<b>Whole Numbers</b>	Page: <b>1 – 28</b> / Page: 1 – 24 Page: <b>85 – 107</b> / Page: 81 – 99 Page: <b>147 – 163</b> / Page: 139 – 152 Page: <b>213 – 232</b> / Page: 201 – 216
<b>Number sentences</b>	Page: <b>29 – 38</b> / Page: 25 – 34 Page: <b>270 – 271</b> / Page: 254 – 255
<b>Addition/ Subtraction</b>	Page: <b>39 – 45</b> / Page: 35 – 41 Page: <b>108 – 110</b> / Page: 100 – 102 Page: <b>181 – 184</b> / Page: 169 – 172 Page: <b>233 – 236</b> / Page: 217 - 220
<b>Multiplication / Division</b>	Page: <b>53 – 57</b> / Page: 49 – 53 Page: <b>125 – 128</b> / Page: 117 – 120 Page: <b>142 – 145</b> / Page: 134 – 137 Page: <b>211 – 212</b> / Page: 199 – 200 Page: <b>245 – 247</b> / Page: 229 – 231
<b>Geometric Patterns</b>	Page: <b>136 – 139</b> / Page: 128 – 131 Page: <b>265 – 269</b> / Page: 249 – 253
<b>Numeric Patterns</b>	Page: <b>46 – 52</b> / Page: 42 – 48 Page: <b>205 – 210</b> / Page: 193 – 198
<b>Common Fractions</b>	Page: <b>111 – 118</b> / Page: 103 – 110 Page: <b>165 – 176</b> / Page: 153 – 158 Page: <b>241 – 244</b> / Page: 225 – 228
<b>Length</b>	Page: <b>119 – 124</b> / Page: 111 – 116
<b>2-D Shapes</b>	Page: <b>71 – 76</b> / Page: 67 – 72 Page: <b>188 – 190</b> / 176 – 178
<b>Transformations</b>	Page: <b>191 – 194</b> / Page: 179 – 182 Page: <b>262 – 264</b> / Page: 246 – 248
<b>Perimeter, Area &amp; Volume</b>	Page: <b>248 – 256</b> / Page: 232 – 240
<b>3-D Shapes</b>	Page: <b>129 – 135</b> / Page: 121 – 127 Page: <b>237 – 240</b> / Page: 221 – 224
<b>Capacity/Volume</b>	Page: <b>77 – 83</b> / Page: 73 – 79
<b>Time</b>	Page: <b>58 – 64</b> / Page: 54 – 60
<b>REMEMBER:</b> Study ALL notes and activities in Book 1 and Book 2.	

## Grade 4 Maths - Term 4 Study Note

- **Whole number**
  - Order, compare and represent numbers to at least 4-digit numbers
  - Recognize the place value of digits in whole numbers to at least 4-digit numbers Pg 19
  - Addition and subtraction up to 4-digit numbers and inverse operations Pg 104
  - Multiplication up to 2 digits by 2 digits and inverse Pg 121-123
  - Division up to 3 digits by 1 digit and inverse Pg 141
  - Problem solving in financial and measurement contexts
  - Rate and ratio Pg 144
- **Common fractions**
  - Compare and order common fractions including halves, thirds, quarters, fifths, sixths, sevenths & eighths Pg 109
  - Describe and compare common fractions in diagram form Pg 165-166
  - Addition and subtraction of common fractions with same denominator
  - Solve problems in contexts involving fractions, including grouping and equal sharing Pg 227
- **Numeric & Geometric patterns**
  - Investigate and extend patterns involving constant difference and ratio Pg 129-133
  - Flow diagram
  - Table
- **Time**
  - Read, tell and write time in 12-hour and 24-hour formats on both analogue and digital instruments in hours & minutes Pg57-62
  - Problem solving time include: Problems in contexts involving time calculation of the number of days between any two dates within the same or consecutive years
- **Properties of 2-D & 3-D shapes** Pg 74 -78
  - Describe, sort, compare shapes by applying characteristics
  - Similarities and differences between squares and rectangles
- **Measurement**
  - Length
  - Conversions from mm, cm, m & km
- **Area, Perimeter & Volume**
  - Calculating Perimeter of 2-D shapes

## Wednesday 23 November – English (Gr 4),

## SS History (Gr 5) Afrikaans (Gr 6) + Creative Art (Gr 7)

### Grade 7 Creative Art - Term 4 Study Note

- **Section A: Drama**
- Drama Careers Pg. 90, 106, 121 and 136
- Key Words/ Key Terms Pg. 82, 88, 109, 110, 113 and 118
- Coral verse devices Pg. 130
- Explore Coral verse/ What is a coral verse? Pg. 127
- Additional techniques Pg.131 - 132
- Performance elements Pg.133
  
- **Section B: Visual Arts**
- Art elements Summarized page/worksheet in book and pg.227 - 229
- Design principles Summarized page/worksheet in book and pg.232 - 233
- Animal sculpture in recyclable paper Pg.236 – 238.
- Create in 3D: recycling Pg.274 – 276.
- Life drawings & create in 2D: use references. Pg.267 – 270.
- Colour wheel & different colours: primary, secondary etc. Tonal range, shades and tint. Pg.248 – 249.

### Grade 6 Afr - Term 4 Study Note

- Begripstoets
- Prentgrap
- Opsomming
  
- **Taalstruktuur en konvensies**
- Tye (verlede, teenwoordig, toekomstige): Bl. 130
- Homonieme & Homofone: Bl. 163
- Lees & Skryftekens: Bl. 28, 29, 122, 123 155, 198
- Voorsetsels: Bl. 27,131
- Antonieme & Sinonieme: Bl. 21, 123
- Trappe van Vergelyking: Bl. 70, 71
- Saamgestelde sinne: Bl. 59
- Voegwoorde: Bl. 43
- Ontkennende vorm: Bl. 182, 206

### Grade 5 SS History - Term 4 Study Note

- Study all the key words in your workbooks.
- The Nile River and how it influenced settlement. (p,g 116-119)
- First farmers of South Africa where they settled and how long ago. (p,g 96-98)
- What is heritage? Make sure you study the following provinces.
- Gauteng- Cradle of Humankind only p,g 136
- Free State- names of places
- Eastern Cape
- North West – Kaditshwene
- KwaZulu-Natal – San rock art.

### Grade 4 English - Term 4 Study Note

- Tenses Page 55
- Plurals (Book 1 worksheet)
- Punctuation Page 9 & 27
- Prepositions Page 108
- Antonyms (Book 1 worksheet)
- Synonyms (Book 1 worksheet)
- Degrees of comparison Page 57
- Conjunctions Page 111 & 150
- How to write a summary (Book 1 worksheet)
- Visual literacy Page 127 & (Book 1 worksheet)
- Analysing a story (Book 1)

## **Thursday 24 November – Afrikaans (Grade 4 +5),**

## **SS History (Grade 6 + 7)**

### Grade 7 SS History - Term 4 Study Note

• Topic	Pages
• 1. Dutch settlement	129 - 130
• 2. Results of the Dutch	131 - 142
• 3. Arrival of the British	148 - 150
• 4. Eastern Frontier	151 - 160
• 5. Northern Frontier	161 - 166

### Grade 6 SS History - Term 4 Study Note

- **Section A: Democracy and citizenship (15 marks)**
- **Section B: Medicine through time (25 marks)**
  
- Democracy and citizenship study all key words in your Social science book.
- Indigenous healing in South Africa: Pg 144-145

- TB, who identified TB when did he discovered it and signs of TB and can it be cured? Pg 149
- Study worksheets in your Social Science workbooks

### Grade 5 Afrikaans - Term 4 Study Note

- Begripstoets
- Gedig
- **Taalwerk**
- Soorte sinne BI 168
- Voorsetsels BI 177
- Homofone BI 157
- Meervoud BI 170
- Voornaamwoorde BI 156
- Voegwoorde BI 167
- Tydsforme Groen boek
- Werkkaart Nr 2 Groen boek

### Grade 4 Afrikaans - Term 4 Study Note

- **Types of questions**
- **Vraag 1: Begripstoets (15)**
- **Vraag 2: Advertensie (10)**
- **Vraag 3: Opsomming (5)**
- **Vraag 4: Taal (10)**
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- 1. Selfstandige naamwoorde - Nouns
- 2. Meervoude - Plurals
- 3. Leestekens - Punctuation
- 4. Werkwoorde - Verbs
- 5. Sinonieme - Synonyms
- 6. Antonieme - Antonyms
- 7. Versamelname - Collective nouns
- 8. Voegwoorde - Conjunctions

**Friday 25 November – SS (Grade 4),**

**NS (Grade 5), Life Skills (Grade 6) + NS (Grade 7)**

### Grade 7 NS - Term 4 Study Note

- Potential-, kinetic energy and the law of conservation of energy. Pg 104 - 110
- Heat transfer, conduction, radiation, insulation Pg 115 – 120/126
- Useful and wasted energy Pg 130 - 131
- Solar energy and the earth's axis Pg 142 - 144
- Seasons and solar energy and life on earth. Pg 144 - 149
- Relationship of the moon on the earth. Pg 152 - 157



## Grade 6 Life Skills History - Term 4 Study Note

- Basic first-aid: pg. 149-151
- Food hygiene: pg. 154-155, 158-159, 162-163
- Communicable diseases: pg. 166-167, 171, 175-176
- Caring for animals: pg. 101-102, 104-106
- National symbols: pg. 122-123
- Gender stereotyping: pg. 132-133 (look at the block on pg. 133)

## Grade 5 Natural Science - Term 4 Study Note

- **Term 3 work:**
- Fuels: pg 112 - 115
- Burning fuels: pg 118 - 119
- Safety with fire: pg 124 - 126
- Cells and batteries: pg 128 - 131
- Mains electricity: pg 132 - 137
- Safety with electricity: pg 138 - 140
- Stored energy: pg 142 - 146
- Wheels and axles: pg 150 – 154
- All work in workbook + Keyword page + All extra notes given on energy.
- 
- **Term 4 work:**
- The Earth moves: pg 162 - 166
- Rocks: pg 168 - 169
- Soil comes from rocks: pg 170 - 172
- Soil types: pg 173 - 174 and pg 176 – 179
- Sedimentary rocks: pg 187 - 196
- All work in workbook + keyword page.

## Grade 4 Social Science - Term 4 Study Note

- **History**
- Study all the key words in your workbooks and textbook from term 3-4
- The first bicycle (Pg 128)
- The first Steam engine (Pg 130)
- The industrial revolution (Pg 132)
- Canoe, rafts, reed boats (Pg 137)
- The first flight & the first airship (Pg 142)
- The first flight in an aeroplane (Pg 143)
- Communication the 5 oldest forms. (Pg 148-151)
- The mail coach & Early typewriters. (Pg 154-156)
- **Geography**
- Study all the key words in your workbooks and textbook from term 3-4

- Other uses of water, (Pg 73)
- Water as a resource, (Pg 75)
- The natural water cycle the 6 steps (Pg 76-77)
- Storing water (Pg 80-81)
- How people get their water (Pg 82-83)
- Pollution and waste water (Pg 86-87)

## **Monday 28 November – Natural Science (Grade 4 +6), SS Geography (Gr 5) + Mathematics (Grade 7)**

### **Grade 7 Mathematics - Term 4 Study Note**

- TOPIC 1 Whole numbers Pg. 4-29
- TOPIC 2 Exponents Pg. 30-43
- TOPIC 4 2D-shapes Pg. 59-75
- TOPIC 6 Common fractions Pg. 82-100
- TOPIC 7 Decimal fractions Pg. 101-114
- TOPIC 8 Functions and relationships Pg. 115-123
- TOPIC 9 Area and perimeter Pg. 124-138
- TOPIC 10 Volume and surface area Pg. 139-155
- TOPIC 11 Patterns Pg. 157-168
- TOPIC 12 Functions and relationships Pg. 169-176
- TOPIC 13 Algebraic expressions Pg. 177-184
- TOPIC 14 Algebraic number sentences Pg. 185-193
- TOPIC 16 Transformation Pg. 208-222
- TOPIC 17 3D-objects Pg. 223-234
- TOPIC 18 Integers Pg. 235-247
- TOPIC 23 Data handling Pg. 284-307
- ALL EXTRA NOTES AND TESTS

### **Grade 6 Natural Science - Term 4 Study Note**

- ELECTRIC CIRCUITS
- Page 113 – 124
- Page 140 + 141
- 
- THE SOLAR SYSTEM, MOONS AND BEYOND
- Page 167 - 195

### **Grade 5 SS Geography - Term 4 Study Note**

- Study all the key words in your workbooks from term 3-4
- Precipitation RAIN, SNOW, HAIL (Pg 46-47)

- Temperature and rain gauge. (Pg 47-48)
- The wind sock (Pg 50)
- Climate of South Africa (Pg 58)
- Minerals and mining (Pg 66-69)
- Impact of mining on the environment. (Pg 75-76)
- Waste and waste disposal (Pg 77)
- Health and safety risks & Rules for health and safety know at least four dots (Pg 79)

### Grade 4 Natural Science - Term 4 Study Note

- **Term 3 work:**
- Energy for life: pg 110 - 112
- Energy from the sun: pg 114 -116
- Energy can be stored and transferred: pg 118 - 120
- Flow diagrams: pg 121
- Input and output energy: pg 122 - 126
- Movement and musical instruments: pg 128 – 131+136
- Vibrations and sound: pg 138 - 141
- The ear: Extra notes in workbook
- Making sounds: pg 144 – 145
- All work in workbook + Keyword page
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- **Term 4 work:**
- Features of Earth: pg 154 - 159
- Earth and space: pg 160 - 162
- The Sun our closest star: pg 164 - 165
- Moving around the sun: pg 167 - 168
- The sun and life: pg 170 - 171
- The Moon: pg 175 - 178
- Phases of the moon: pg 180 – 181
- All work in workbook + Keyword page

## Tuesday 29 November – Technology (Grade 7)

### Grade 7 Technology - Term 4 Study Note

- IDMEC – design brief, specifications and constraints
- Magnetism
- Magnetic fields
- Classifying metals
- Recycling metals
- Electric circuits
- Electromagnets

- Simple mechanisms – cranks and pulleys
- Investigating emergency situations
- Processing food for emergency situations
- Protective clothing
- Study ALL the notes AND activities done in the workbook for Term 3 and 4.

## **Wednesday 30 November – Life Skills (Grade 4 + 5) + SS Geography (Grade 6 + 7)**

### **Grade 7 SS Geography - Term 4 Study Note**

- |  |           |
|--|-----------|
| • 1. Population concept                      | p 46 - 49 |
| • 2. Factors affecting birth and death rates | p 50 - 51 |
| • 3. World population growth                 | p 56 - 61 |
| • 4. Natural resources                       | p 68 - 71 |
| • 5. Management of resources                 | p 72 - 75 |
| • 6. Water in South Africa                   | p76 - 79  |

### **Grade 6 SS Geography - Term 4 Study Note**

- **Section A: Climate and vegetation around the world (15 marks)**
- **Section B: Population (25 marks)**
  - Population distribution in South Africa. Pg 70-75
  - Reasons for location of settlements: Pg 84-86
  - Climate
  - Vegetation,
  - Natural features,
  - Factors that cause people to move to cities, think about pushing and pulling factors Pg 80
  - Term 3: Key words in your book.

### **Grade 5 Life Skills - Term 4 Study Note**

- 1. Tuberculosis. (pg 149, 150)
- 2. Environmental issues. (pg 154)
- 3. Diarrhoea (pg 155, 156, 157)
- 4. Malaria (pg 160, 161)
- 5. Measles. (pg 164, 165)
- 6. Stigma (pg 168, 169)
- 7. Types of drugs. (pg. 178, 179,180)

## Grade 4 Life Skills - Term 4 Study Note

- Road safety and traffic rules. (pg. 147, 148, 149, 150)
- Personal and household hygiene. (pg. 153, 154, 155)
- Dietary habits of children. (pg. 158, 159)
- Healthy environment and personal health. (pg. 162, 163)
- Strategies to keep environments healthy. (pg. 171, 172, 173)
- HIV and AIDS. (pg. 176)