

## **Form 3 Term 3 2024-2025 List of Topics**

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## Mathematics – Form 3

1. ALGEBRAIC FACTORS
2. QUADRATIC EQUATIONS
3. POLYGONS
4. PYTHAGORAS' THEOREM
5. TRIGONOMETRY

## Information Technology – Form 3

### **Scratch Programming**

- Manipulating sprites using an application
- Developing a simple animated game that coordinates the action of various sprites
- Developing a program that accepts input from the keyboard
- Developing interactive games

## Biology – Form 3

### LIST OF TOPICS

1. Lab report
2. Characteristics of living organisms
3. Cells
4. Osmosis and Diffusion
5. Classification

## Chemistry – Form 3

1. DISPLACEMENT REACTIONS
2. MOLES
3. 3. CYCLES- WATER, NITROGEN & CARBON

## Physics – Form 3

- **Vectors**
- Forces
- Moments
- Centre of Gravity
- Stability
- Deformation and Hooke's law
- Forms of energy
- Potential and Kinetic energy
- Pressure

## Physical Education – Form 3

<b>FORM LEVELS</b>	<b>THEORETICAL CONCEPTS</b>	<b>PRACTICAL COMPONENT</b>
<b>Form 3</b>	<ol style="list-style-type: none"> <li><b>1. Integumentary System</b></li> <li><b>2. Cardio-vascular Diseases</b></li> <li><b>3. Orienteering</b></li> </ol>	<ol style="list-style-type: none"> <li><b>1. <u>Cricket</u> -</b>  <u>Basic Skills in-</u> <ol style="list-style-type: none"> <li><b>a. Fielding – Under Arm Flick and Skim Catch</b></li> <li><b>b. Batting – Back Foot Shots</b></li> <li><b>c. Bowling – Leg Spin</b></li> </ol> </li> </ol>

## English Language – Form 3

1. READING COMPREHENSION: inferences, pov, theme, hyperbole
2. GRAMMAR and MECHANICS: possession, using the apostrophe, its vs it's, clichés, redundancies
3. WRITING: Argumentative Essays, Summary Writing

Please note that topics covered in previous terms will also be tested for grammar: subject- verb agreement, pronouns.



## English Literature – Form 3

### **DRAMA:**

**MERCHANT OF VENICE- END OF ACT 4 (SCENES 1 AND 2)**

### **POETRY:**

**A WORLD OF POETRY**

**The Deportee- Stanley Niamatali**

**The Sleeping Zemis- Lorna Goodison**

**Because I could not Stop for Death- Emily Dickerson**

### **PROSE:**

**THE CHRYSALIDS- JOHN WHYNDAM**

**Chapters 12-16**

## Drama – Form 3

Review of Examination

Exam Review

Set design and construction

Lighting design and operation

Props Costume design and construction

Sound effects

Front of house

Stage management

Tech Rehearsal

### **Festival of Plays**

Reflections

## Music – Form 3

List of music topics:

- Genres of music
- Minor scales
- Triads
- Elements of music
- Italian terms
- Intervals

## Visual Arts – Form 3

1. WEAVING
2. FABRIC DESIGN
3. SCULPTURE
4. PRINTMAKING
5. LEATHERCRAFT

## Spanish – Form 3

1. Travel-flight information (arrival and departure)
2. Time
3. Places of interest
4. At the restaurant ordering food
5. Expressing hunger and thirst
6. Expressing food and drinks likes and dislikes
7. Expressing approval and disapproval of meal service
8. Preterite tense
9. Letter writing
10. Dialogue writing

## French – Form 3

Term 2 Test paper review

Functions-Congratulating, wishes, borrowing, suggesting.

Clothes-**mettre, porter** (present and past tenses)

Shopping vocabulary-stores, price, verbs **acheter, vendre, chercher**(present and past tenses)

Talking about gadgets

Basic comparisons using **plus/moins**

Business Studies – Form 3

TOPIC	OBJECTIVES
<p><b><u>Ledgers, Double Entry System of Accounting: T-accounts for debit/credit</u></b></p> <p><i>(Continued from term 2)</i></p>	<p>Students should be able to</p> <ul style="list-style-type: none"><li>➤ Explain the recording and layout of financial transactions</li><li>➤ Give the rules for the double entry system</li><li>➤ Engage the rules for double entry system in worked examples</li></ul>
<p><b><u>The Double Entry System for the Asset of Stock</u></b></p>	<p>Students should be able to:</p> <ul style="list-style-type: none"><li>➤ Define the term ‘stock’.</li><li>➤ Explain the various accounts used in recording the movement of stock such as:<ul style="list-style-type: none"><li>(i) Purchases</li><li>(ii) Sales</li><li>(iii) Return Inwards</li><li>(iv) Return Outwards</li></ul></li></ul>

<u>The Double Entry System for the Asset of Stock</u>	<p>Students should be able to</p> <ul style="list-style-type: none"><li>➤ Engage the rules for double entry system in worked examples for each flow of stock</li></ul>
<u>Balancing off Accounts</u>	<p>Students should be able to</p> <ul style="list-style-type: none"><li>➤ Define the term “balancing - off accounts.”</li><li>➤ Systematically go through the five steps or stages to balance off each account.</li></ul>
<u>Balancing off Accounts</u>	<p>Students should be able to</p> <ul style="list-style-type: none"><li>➤ Engage the steps in balancing off each flow of stock.</li></ul>
<u>Balancing off Accounts</u>	<p>Students should be able to</p> <ul style="list-style-type: none"><li>➤ Engage the steps in balancing off accounts using the exercises at the end of the chapter.</li></ul>



<u><b>Trial Balance</b></u>	<p>Students should be able to</p> <ul style="list-style-type: none"><li>➤ Define the term ‘Trial Balance.’</li><li>➤ Explain why Trial Balance totals should be equal.</li><li>➤ Construct a Trial Balance.</li><li>➤ Discuss the uses of Trial Balance.</li></ul>
<u><b>Trial Balance</b></u>	<p>Students should be able to</p> <ul style="list-style-type: none"><li>➤ Construct Trial Balance using the exercises at the end of the Chapter.</li></ul>

