

NAPARIMA GIRLS' HIGH SCHOOL
FORM 3 COURSE OUTLINES
TERM 1 2015/2016

LANGUAGE

- Basic Tenses - Simple present tense, Simple Past tense, Present Continuous tense, Past Continuous tense
- Antonyms and Synonyms
- Spelling
- Punctuation
- Subject Verb Agreement
- Fact and Opinion
- Descriptive Writing – People
- Persuasive Writing – Letter to the Editor & Advertisements
- Comprehension Skills
- Oral Skills

LITERATURE

1. To Kill a Mockingbird – Chapters 1- 15
2. Twelfth Night– Acts 1 & 2

3. Bite In - Poems:
 1. *Atieno*
 2. *Warning*
 3. *No Man's Land*
 4. *Uncle Time*
 5. *There was an Indian*

Food & Nutrition

Theory

Definitions: food, nutrition, nutrients, diet, balanced diet, malnutrition, metabolism, basal metabolism.

Food groups

Food nutrients

Safety and Hygiene

Macronutrients: Proteins , Carbohydrates, Fats.

Practical

Sandwiches

Cakes using the rubbing in method.

VISUAL ARTS

- CONTOUR DRAWING
- PATTERNS IN NATURE
- SILK SCREEN PRINTING
- ART APPRECIATION/ PAINTING AND ANALYSIS Choose a work of art by any one of the local artists' researched during the past two academic years. The artwork is to be analyzed using specific guidelines (which will be discussed in class) and presented in the form of a project. Students are to reproduce the artwork they have chosen, using paint or pastels. This will be completed during the class sessions.

DANCE

TOPIC –Elements of Dance

DANCE ACTIONS & RELATIONSHIPS, TRAVELLING, JUMPING, GESTURE AND STILLNESS.

Students will be able to create a piece of work based on all components of the topic using any genre of music.(Instrumental)

- a. Students would be able to respond spontaneously and improvise to accompaniment emphasizing particular body parts or actions according to task while working with peers, while travelling,
- b. Execute their five basic jumps using the proper technique learnt at Form 1 level, understand non-verbal communication which dance is e.g. (waving, shrugging, work actions like digging, sweeping stop, freeze (stillness),
- c. Experience and develop control, co-ordination, balance, poise using basic body parts , vary actions through contrast of speed(slow, fast, sudden enduring), vary actions with degrees of tension e.g. (.strong, light, forceful & gentle)
- d. They will also be able to manipulate their bodies within the space whether big or small while working with peers.

CHEMISTRY

- Cycles
- Air pollution
- States of Matter
- Changes of State – freezing ,boiling ,melting and sublimation
- Diffusion ,Osmosis and Brownian Motion

BIOLOGY

- Cells and Organization
- Specialization of cells ,division of labour
- Reproductive systems

PHYSICS

- Measurement and Units
- Magnetism
- Forces –weight and mass ,Hooke’s Law, friction , inertia , momentum
- Pressure

MUSIC

Recorder

1. Numbers 4 and 5 on pages 3 & 4 (coursework)
2. Number 6 on page 4 and the D Major scale (end of term)

Pan

1. LCBF pg 76 ‘Mangoes’
2. LCBF pg 60 ‘Laredo’
3. Learn/ revise the scales of – B flat Major, D Major, A Major, E flat major, e minor, d minor

Musicianship

1. Clapping rhythms
2. Scales, solfa
3. Hearing tonality
4. Contour

Theory

1. Scales up to 4 sharps and 4 flats
2. Italian terms (review from book 2, some from book 3)
3. Compound time (review simple time first)
4. Intervals

5. Review same clef transposition
6. Composition

GEOGRAPHY

Hazards – Earthquakes, volcanoes, hurricanes and flooding

Weather and Climate – Elements of Weather, types of rainfall

Mapwork – measuring distances, angular bearing, sketch maps, estimating areas

SOCIAL STUDIES

Term 1

1. Humanitarian Law
 - a. Definition
 - b. Terms and concepts and examples

2. How We Govern Ourselves
 - a. The Meaning of Democracy – Democracy in Action
 - i. democracy – direct and representative
 - ii. different forms of government

 - b. Development of Representative Government – From Crown Colony to Republicanism
 - i. Crown Colony, Independence, Republicanism – trace changes
 - ii. The Constitution – development, human rights and freedoms

3. Caribbean Integration and Global Links
 - a. The Caribbean Area – The Integration Process
 - i. Define – integration, cooperation, dependence, interdependence
 - ii. Federation, CARIFTA, CARICOM, CSME, ACS – membership, objectives
 - iii. Sports, education, medicine, culture, disaster preparedness – benefits, ways of improving regional cooperation – CARIFTA, UWI, CARIFESTA, CDERA

4. Economic Growth and Development
 - a. Technological Change
 - i. Role of Women – Amerindian to contemporary technology
 - ii. Europeans, Africans, East Indians, Chinese
 - iii. Modern Technological Changes – agriculture, warfare, entertainment
 - iv. Communication – methods/forms, benefits,
 - b. Economic Development – The Role of Communication Technology
5. State Welfare System
 - i. role of State Welfare in Trinidad and Tobago
 - ii. available services
 - iii. identify vulnerable groups in the society

MATHEMATICS

1. POLYGONS

- Properties of a polygon: Closed plane figure, Number of sides, Number of angles, Regular vs. irregular
- calculating the sum of the interior angles of a polygon: $(n-2) \times 180^\circ$;
- Calculate the sum of the interior angles of regular polygons
- Calculate the size of each interior angle
- Calculate the sum of the exterior angles of regular polygon
- Calculate the size of each exterior angle of a regular polygon

2. PYTHAGORAS' THEOREM

- Solving problems involving Pythagoras' Theorem

3. TRIGONOMETRICAL RATIOS

- Calculate lengths for acute angled triangles

4. ALGEBRA

- Laws of algebra
- Simplification of Algebraic Expressions
- Factorization

5. SOLVING SIMPLE & SIMULTANEOUS EQUATIONS,

- Solve linear equations
- Solve simultaneous equations by eliminations or substitution methods
- Solve worded problems

6. **THE STRAIGHT LINE GRAPH**

· Draw :Lines $x = a$; lines $y = -b$; Lines $y = mx + c$;

7. **THE QUADRATIC GRAPH**

- Draw the Quadratic Graph OF the form $y = ax^2 + bx + c$.
- Solving quadratic equations
- Solving quadratic equations graphically

TECHNOLOGY EDUCATION

WK	TOPIC
1	Challenge 1- Identify the problem
2	Challenge 1- Define the problem
3	Challenge 1- Explore possible solutions
4	Challenge 1- Assess the various solutions
5	Challenge 1- Try and test out solutions-1
6	Challenge 1 - Try and test out solutions-2
7	Challenge 1- Try and test out solutions-3
8	Challenge 1- Evaluate the solution
9	Challenge 1- Presentations
10	Challenge 1- Assessment

FRENCH

Students will be able to:

- USE ER verbs appropriately
- Use expressions of quantity appropriately when shopping for food
- Ask the price of something in French
- State the price of something in French
- Ask politely for items in a shop
- Say there isn't any/ anymore of something
- Conjugate IR verbs appropriately
- Use regular ER and RE verbs appropriately
- Identify different European countries and their capitals in the TL
- State European countries and their capitals in TL
- State various tourist attractions found in European countries
- Use preposition with towns and countries appropriately
- Identify different modes of transport in the TL
- State what mode of transport they use
- Ask someone what mode of transport they use
- Conjugate the verb 'venir' appropriately
- State what they are going to do
- State what they are not going to do
- Describe a trip in the future
- State what activities can/can't be done certain towns
- State what activities can't be done in certain towns
- Ask permission to do something
- Write a postcard describing their holiday trip
- Gain cultural knowledge of the 'Tour de France'

SPANISH

¿Qué hay? Book 3

Students will be able to:-

- *identify and use direct and indirect object pronouns
- * ask someone how he/she travels to different places and provide information about how one travels to different places
- *ask about and state distances from one point to another
- *state travel destinations
- *ask and provide information about flights, airlines, ticket prices, dates and times of departures, arrivals and duration of flight
- *ask about documents required for international travel

- *express social courtesies when travelling
- *ask for and give directions and provide simple directions to a specific place
- *use polite commands when giving directions
- *listen to and answer questions in preparation for the listening exam
- *reserve a hotel room
- *check in and out of a hotel
- *enquire about and request hotel services/facilities
- *identify key personnel and areas in the hotel
- *form the Preterite Tense of regular verbs
- *talk about where and when they went using the past tense
- *talk about holidays, where you went and with whom
- *relate what happened to your friends
- *talk about historical events
- *learn how to express what you did using irregular verbs
- *learn how to say what the weather was like in the past
- *identify different types of shops
- *ask for assistance from a clerk
- *ask and state the price per item/per quantity
- *state the suitability or unsuitability of an item or commodity
- *narrate/report in the past tense

DRAMA

The Following is a guide for topics to be covered in Term 1

THEORY

- *Expectations of drama class*
- *Introduction to NCSE Syllabus*
- *Stage positions and Stage space*
- *Exploring body*
- *Role of the actor*
- *Working with groups*
- *Improvisation*

PRACTICAL

- *Warm –ups and activities*
- *Improvisational techniques in performance*
- *Activities using space, body ,voice and mind*
- *Improvisational scenes*

PHYSICAL EDUCATION

- The Digestive System: Structure, functions, working / processes involved, organs which aid digestion
- Football; Brief History, skills, rules, how the game is played, the field, playing positions and play areas, scoring.
- First Aid
 - Definition of first Aid
 - Application of appropriate emergency responses
 - Contents of a first aid kit
 - General procedure in the event of an injury
- Health and Physical Fitness
 - Training for performance, the principles of warm up, cool down
 - Principles of training including SPORT
 - Methods of training
 - The effects of training on the human body and human performance
 - Planning a training programme
- Basketball: Brief History, skills, rules, how the game is played, the court, playing positions and play areas, scoring.

Practical: Throws: discus, javelin, Gymnastics: rolls, balances, vaults (short routine).