

**NAPARIMA GIRLS' HIGH SCHOOL
FORM 3 COURSE OUTLINES
TERM 2 2017/2018**

PHYSICAL EDUCATION

- Drugs
 - Definition of a drug, types of drugs
 - Reasons for drug use
 - Effects of smoking and alcohol
 - Frequently abused drugs
 - Drugs and sport, effects of drug on the human body and sport performance
 - Blood doping

- The Nervous System
 - Structure: parts of the system, systems that work within the nervous system (central, peripheral and involuntary/autonomic)
 - Functions
 - Working: How each sub-system works
 - Parts of a nerve cell/fibre/neuron
 - Types of nerve cells: motor, sensory, involuntary
 - Effector and receptor organs
 - Sympathetic and parasympathetic nervous system
 - Types of receptor organs: exteroceptors, interoceptors, proprioceptors

- Theory: Badminton- brief history, skills, equipment, rules, officials, how the game is played, the court (singles and doubles boundary lines).

- Care and Prevention of injuries
 - Causes, prevention, procedure in the case of an injury, types of injuries, rehabilitation.

Practical

- Gymnastics: rolls, balances, vaults, short routine
- Badminton

LANGUAGE

1. The Present Perfect Simple Tense
2. The Past Perfect Tense
3. The Present Passive Continuous and Past Passive Continuous
4. Spelling and Punctuation
5. Descriptive Writing – Place/Setting
6. Cartoons – Pun, Irony, Satire
7. Simple Factual Report
8. Narrative Writing
9. Comprehension Skills

LITERATURE

1. To Kill a Mockingbird- Chapters 9-15
2. Twelfth Night-Acts 3, 4 &5
3. Bite In- Poems
 - *The Saddhu of Couva*
 - *Do Not go Gentle into that Good Night*
 - *For My Mother(may I inherit half her Strength)*

DANCE

TOPIC: The Bats - (Carnival History and Movements)

Students will be given the History of the **Bats, in** order to be able to understand what part this Traditional Carnival Character played in our Carnival. They also will appreciate the costuming and understand based on the history that this character is a dancing character in the carnival and exactly how the wings of the Bats they can be used to create dance movements and tell a story in the carnival.

VISUAL ART

1. Drawing from observation.

Use any drawing medium, such as pencil, pen and ink or pastels giving consideration to variety of form, shape, size and texture.

Select a fruit, vegetable and a simple flower with a stem. Arrange these with leaves and shells to create a still-life arrangement. The interaction between shapes and textures of the objects should be a major consideration.

2. Carnival in Trinidad is a cultural art form since the 1950's, students are encouraged to research the traditions of "Pretty Mas" and design and construct a Carnival costume using recycled materials.

INFORMATION AND COMMUNICATION TECHNOLOGY

- Computational Thinking: Sprites and Scratch
- Revision of Computer Fundamentals

TECHNOLOGY EDUCATION

WK	TOPIC
1	Portfolio submissions
2	New challenge given & Problem definition
3	Evidence of Research
4	Possible Solutions and Comparisons
5	Creation of Product-1 (Process marked-CWK2)
6	Development Plan
7	Presentation of Product –EOT marked
8	Testing
9	Evaluation
10	EOT WEEK

MATHEMATICS

1. STRAIGHT LINE GRAPH

- Vertical, Horizontal and Oblique straight lines
- Gradients--positive and negative slant or slope, calculations
- Calculate the gradient of a line given the coordinates of two points
- Equation of a straight line, $y = mx + c$
- Drawing of vertical, horizontal and oblique lines

2. TRANSFORMATIONS

- Translation
- Rotation
- Reflection
- Enlargements
- Similarity and Congruency

3. LINEAR INEQUALITIES

- Solve linear inequalities

Represent the solution of a linear inequality in the following forms:
on a number line, and on the coordinate plane and in set and algebraic notation

4. STATISTICS

- Represent data sets pictorially, and interpret and compare data sets displayed pictorially: tabulation, tally, pictogram, pie chart, bar chart and line graph.
- Calculate averages from raw data and from the frequency distribution table: mode, median, arithmetic mean.

5. THE QUADRATIC GRAPH

- Draw the Quadratic Graph of the form $y = ax^2 + bx + c$ where a is an integer
- Solving quadratic equations graphically.

BIOLOGY

- Ecological Sampling (Population Studies) - quadrats, line transect, belt transect
- Pollution - sources and effects of pollution on water, land and air.

CHEMISTRY

- Experiments to demonstrate separation techniques.
- Physical and Chemical changes
- Atomic Structure
- Ionic Bonding

PHYSICS

- Momentum - definition and calculation
- Moments of a force - factors affecting moment of a force and principle of moments
- Stability - factors affecting stability, centre of gravity, types of equilibrium.
- Pressure- definition and calculation , pressure in a liquid ,how pressure is affected by temperature changes

MUSIC

Recorder

1. New notes
2. Song: Best Day of My Life

Pan

1. Ensemble piece: Hot Hot Hot

Singing

1. New Song

Theory

1. Review Scales and Compound Time
2. Leger lines
3. Intervals
4. Performance Directions
5. Beginning composition
6. Elements of Music

Carnival Project

The Steel Pan – Each group will research different aspects of the instrument based on the NCSE Syllabus

DRAMA

- *Voice projection*
- *Revision of Technical Theatre and Production Team*
- *Use of spectacle*
- *Critiquing a play*
- *Improvisation: use of props*
- *Review and Assessment*

GEOGRAPHY

1. Completion of Hazardous Environments.
2. Map Work: four- and six-figure grid referencing, angular bearing
3. Difference between weather and climate.
4. Elements of weather and instruments used.
5. Description of the effects of weather elements on atmospheric conditions.
6. Types of rainfall – relief, convectional and cyclonic.
7. Inter-tropical Convergence Zone (ITCZ).
8. Description of Equatorial and Tropical Marine Climate.

SOCIAL STUDIES/HISTORY

- Understanding Globalization
- Communication and technology and globalization
- Transportation and economic development
- Global Distribution of goods
- The electoral process in Trinidad and Tobago
- Constitution of Trinidad and Tobago
- Scientific and Technological Development and Our Environment
- Regional Integration
- Integration Process

Describe the Caribbean integration process from the 1950s to the present.

West Indian Federation, Independence Movements, CARIFTA, CARICOM/CSME, OECS, ACS

- Non – Political cooperation in the Caribbean

Identify and assess the role of the regional agencies in facilitating the integration process.

Sports – CARIFTA games, WICB

Education – UWI

Medicine – Caribbean Environmental and Health Institute

Culture – CARIFESTA

Disaster preparedness – CDEMA

- The Commonwealth Caribbean

- Issues Affecting the Caribbean

Discuss the Causes, consequences and solutions of the following issues in the Caribbean: Drugs, Crime, HIV/Aids, Poverty, and Terrorism

FOOD & NUTRITION

Vitamins

Fat soluble vitamins

Water soluble vitamins

One course Meals

Outline for the One ,Two and Three course meals

Practical

Protein Dish

One pot meals

SPANISH

¿Qué hay? Book 3

STUDENTS WILL BE ABLE TO:-

Use the Preterite Tense of regular and irregular verbs

* Write short letters in Spanish

* Reserve a room

* Check into a hotel

* Enquire about hotel services/facilities

* Request services/use of facilities

* Identify different types of shops

* Ask for assistance from a clerk

* Offer assistance to customers

* Ask and state the price per item/per quantity

* State the suitability or unsuitability of an item or commodity

* Negotiate a bargain/haggle

* Close a sale/ purchase

* Request a bill

- * Use the Impersonal “se”
- * Use demonstrative pronouns and adjectives
- * Express in Spanish activities that took place in the past using the Imperfect Tense:
 - say what someone was doing/used to do
 - descriptions in the past
 - on going actions in the past
 - time
 - age
 - weather
 - mental states
 - express there was/were
- * Use negative words to express no/nothing/ never/ no one/ neither...nor
- * Express past actions in Spanish using the past continuous or past progressive tense

Students will also have to prepare for a coursework exam consisting of a listening and oral exam in February

FRENCH

Students will be able to:

- Discuss their school system in the TL (uniform, facilities, clubs etc.)
- Describe their morning and evening routine
- Use reflexive verbs appropriately (Review)
- Ask someone what they want to do
- Conjugate the verb “Vouloir” appropriately
- State what they want to and don’t want to do
- Discuss the use of technology at their school
- Discuss preferences for doing homework
- Review Passé Composé with ‘Avoir’ verbs
- Use the Passé Composé with ‘Être’ verbs appropriately
- Conjugate verbs ‘dire’, ‘lire’, ‘écrire’ in the Present Tense
- Describe their physical appearance
- Describe someone else’s’ physical appearance
- Greet and introduce people appropriately (using ‘tu’ and ‘vous’)
- Use appropriate vocabulary when staying with a French family
- State what household chores they do in the TL