NAPARIMA GIRLS' HIGH SCHOOL

FORM 3 COURSE OUTLINES

TERM II 2016/2017

CHEMISTRY

- Separations
- Atomic Structures
- Acids and Alkalis
- Ionic Bonding

BIOLOGY

- Review of spider key / number key/ quadrats
- Land pollution and Air pollution
- Coral reefs/ mangrove swamps
- Man's impact on the environment
- Conservation

PHYSICS

- Hooke's Law
- Pressure
- Electricity

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
1. The Saddhu of Couva

2. Do Not go Gentle into that Good Night
3. For My Mother(may I inherit half her Strength)

FOOD AND NUTRITION

1. Introduction to vitamins
2. Types of vitamins
3. Vitamin A
4. Breakfast- Different types of bread - Practical
5. Vitamin D
6. Breakfast- Protein dish - Practical
7. Vitamin E
8. Preparing Fruits suitable for breakfast- Practical
9. Vitamins B1 and B 2.
10. Niacin, folate
11. Cobalamin and vitamin C

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.

PHYSICAL EDUCATION

- 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).

- 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

- Care and Prevention of injuries

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

PRACTICAL

- Discus
- Badminton

INFORMATION AND COMMUNICATION TECHNOLOGY

- Computational Thinking: Programming using Sprites and Scratch

TECHNOLOGY EDUCATION

WK	TOPIC
1	Portfolio submissions
2	New challenge given-Sort me & 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

- Draw the graphs for lines x = a; y =b;
- Lines y = mx +c
- The gradient/slope/steepness of straight lines from the graph.
- Positive or negative slope, zero slope, infinity ,parallel lines
- The gradient of a line given two points.
- The equations of a straight line
- Draw the graphs for line y = mx + c.
- y and x intercept from the graph.
- Solve a pair simultaneous equations graphically.

2. QUADRATIC EQUATIONS

- Solve by the Factorisation method

3. LINEAR INEQUALITIES

- Represent the solution of a linear inequality in the following forms:
  On a number line & on the Cartesian plane
- Set and algebraic notation
- Solve linear inequalities and linear inequalities involving algebraic fractions.

4. TRANSFORMATIONS

- Translations, Reflection, Rotation, Enlargement & Properties

5. STATISTICS

6. THE QUADRATIC GRAPH $y = ax^2 + bx + c$.

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

SPANISH

¿Qué hay? Book 3

STUDENTS WILL BE ABLE TO:-

* 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

*learn how to buy food in a market/grocery
*asking prices, giving preferences
*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
-time
-age
-weather
-mental states
-express there was/were
*use negative words to express no/nothing/ never/ no one/ neither…nor
*express the past in Spanish using the past continuous or past progressive tense

Students will also have to prepare for a coursework exam consisting of a listening comprehension and an oral exam.

VISUAL ART

-DECORATIVE CRAFT- Design and construct a gift bag incorporating the use of printmaking, packaging design and typography
-CERAMICS – Create a tile using the SLAB technique and at least two clay embellishment techniques
-PAINTING- Paint your own masterpiece. Select a work of art of a well-known artist and attempt a section of the painting.

GEOGRAPHY

1. Weather and Climate:
    - Difference between weather and climate.
    - Elements of weather and instruments used
    - Types of rainfall – relief, convectional and cyclonic.
    - Inter-tropical Convergence Zone (ITCZ).
    - Description of the effects of weather elements on atmospheric conditions: flooding, hurricanes, landslides
    - Characteristics of Tropical Marine Climate.

2. Map Work: four- and six-figure grid referencing, angular bearing, sketch maps, enlargement and reductions, estimating areas, cross-sections.

SOCIAL STUDIES/HISTORY

1. Economic Growth and Development

a. Chain of Distribution

b. Marketing and

c. Advertising

2. Government

a. Factors influencing political choice

b. Free and fair elections

c. the Constitution

3. Scientific and technological developments

a. Housing

b. Agriculture

c. Transport

d. Communication

e. Medicine

f. Effects of technology on environment

4. Urbanization

a. Causes of urbanization

b. Effects of urbanization

5. Caribbean Integration and Global Links

a. Regional Organizations (political and economic integration)

b. Functional cooperation

c. Benefits of integration

6. Issues Affecting Caribbean Youth

1. Gender Issues
2. Teenage pregnancy
3. Laws Relating to Sexual Abuse
4. Drugs
5. Crime/Employment
6. Poverty
7. Child Labour/Street Children
8. HIV/AIDS

DRAMA

Voice projection

Revision of Technical Theatre and Production Team

Use of spectacle
Critiquing a play
Improvisation: use of props
Review and Assessment

MUSIC

- Carnival project

Brief aspects of the development of the steelband -panorama

- pan

scales - major and minor -d, a, b, g

exercises recorder bk 2

folk songs / calypso

- Recorder

Folk songs for assessment

- Singing

Somewhere over the rainbow

- Theory

transposition

compound times signatures

intervals

composition

classification of instruments