T.GARCIA
EDUCATION

Form 2
Math Lessons

Taught by
Mrs. Teenisha Heath-Adams

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Goal Outcomes

At the end of the term, students will:

- be done with the term's Mathematics topics as outlined by the Ministry of Education of Trinidad and Tobago (See appendices 1 & 2);
- have more self-confidence *(especially as it pertains to their mathematics achievement);*
- be more accountable & responsible;
- appreciate their unique types of intelligence;
- understand how they learn;
- develop proper test-taking strategies for Mathematics
- learn how to regulate themselves to be more focused;
- know how to develop their own systems & strategies for learning, and;
- have improved grades in Mathematics.

Class Overview 02

Schedule:

- Wednesdays from 3:30 p.m. to 5:30 p.m

Location

- Sumadh Gardens, Vistabella, San Fernando.

Structure and Support

- Mrs. Heath-Adams will go through the term's topics with the students. During sessions, she will spend some of the time teaching the entire group and some of the time providing individual attention to students as needed.
- Students may also be placed in smaller groups of 2 or 3 to engage in peer-learning guided by Mrs. Heath-Adams.
- Throughout the school term, students will be able to post their Math homework and assignments in the Class Whatsapp group where they will get help from their peers and/or Mrs. Heath-Adams. This way, students can remain on top of their schoolwork.

Materials needed:

- Regular writing materials (Pens & Notebooks)

Cost:

- TT$500 (due at the beginning of every month)

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Meet the Teacher

Teenisha Heath-Adams (formerly Teenisha Garcia) is a Mathematics teacher, Businesswoman and the Founder of T. Garcia Education.

Mrs. Heath-Adams attended St. Joseph's Convent San Fernando *(2016 - 2013)* after which she went on to study at the University of Trinidad and Tobago from 2014 to 2018. She obtained her Bachelor's in Education with a Specialisation in Secondary Mathematics *(Summa Cum Laude)*. She also graduated as the top student of the graduating year at the Centre For Education Programme.

Follow on Social Media:

@teenishaheathadams

Over the last decade, Teenisha has taught students of all ages and abilities ranging from primary school students to adults repeating CXC exams. She believes in a holistic approach to education and focuses on helping students to become lifelong learners by increasing their self-confidence and appreciation for their individual abilities.

Read more about Teenisha's work with T. Garcia Education in this article published by the Newsday: https://newsday.co.tt/2022/10/12/teenisha-garcia-pays-forward-the-gift-of-education/

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Appendices

Form Two

TERM ONE	TERM TWO	TERM THREE
NUMBER OPERATIONS AND NUMBER THEORY: Integers order; relationships; operations; real world situations; problem solving **NUMBER OPERATIONS AND NUMBER THEORY: Laws and Properties of Numbers** commutative, associative and distributive laws; properties of closure, identity and inverse; applications; scientific figures, standard from and scientific notation; estimation; operations; problem solving **NUMBER OPERATIONS AND NUMBER THEORY: Number Bases** place value; base conversion; role of the binary system; expanded notation; computation in different bases; problem solving **ALGEBRA: Substitution** concept of a variable; translation of verbal statements; concrete and symbolic; substitution **ALGEBRA: Simplification of Algebraic Expressions** concept of algebraic expression; concrete, pictorial and symbolic representation; like and unlike terms; coefficient and operational sign; order of operations; simplify expressions	**GEOMETRY: Coordinate Geometry** concept of a plane; concept of coordinates; Cartesian coordinate system; locate points; state coordinates; plot points **SETS, RELATIONS AND FUNCTIONS: Graphical Representation of Linear Equations and Linear Inequalities** interpret graphs; draw graphs; define linear relations; modes of representation; simple linear inequalities **GEOMETRY: Transformations - Translations and Reflections** similarity and congruency; properties; representation in the Cartesian Plane; vector; object; image; reflection; mirror line; state coordinates **MEASUREMENT: Units of Measurement and Conversion of Units** measuring instruments; units; read and interpret scales; measure quantities, convert linear units; conversion between metric and imperial; convert square units	**GEOMETRY: Angles, Triangles and Parallel lines** exterior angle; interior angle; opposite interior angles; parallel lines; transversal; classification of angles; problem solving **GEOMETRY: Geometric Drawings and Constructions** construction of line segment; bisection of line segment; drawing angles; bisection of angles; construction of angles **STATISTICS AND PROBABILITY: Statistical Analysis** frequency distribution; mean, median, mode; appropriateness of a statistic; nominal, ordinal, interval and ratio data; data analysis **STATISTICS AND PROBABILITY: Data Displays** ungrouped frequency distribution; pie chart; histogram; line graph; appropriateness of a data display; interpret data displays; make inferences from line graphs

Summary of Form 2 Topics taken from Pg 39 of the Secondary School Mathematics Curriculum Guide by the Ministry of Education of Trinidad and Tobago.

See full curriculum here:
https://wpuploadstorageaccount.blob.core.windows.net/corporate/2022/07/9-SCR-Mathematics-Curriculum-Guide.pdf

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Appendices

Framework for Mathematics Curriculum **Form Two**

TERM ONE	TERM TWO	TERM THREE
ALGEBRA: Solution of Linear Equations expressions and equations; solution for an equation with variables on both sides; use of distributive law; translate verbal statements; problem solving **ALGEBRA: Solution of Linear Inequalities** real world context; notation; solution sets; solving inequalities; number line representation; problem solving **SETS, RELATIONS AND FUNCTIONS: Sets** subsets; disjoint sets; intersection of sets; union of sets; Venn diagram; counting; problem solving **SETS, RELATIONS AND FUNCTIONS: Relations, Mappings and Functions** relation; concept of arrow diagram; concept of domain and range; concept of relation mapping and function; differentiate among relation mapping and function; mapping rules **SETS, RELATIONS AND FUNCTIONS: Ordered pairs** Concept or an ordered pair; representation; domain and range; relations; satisfying a relation; representation on the Cartesian plane; verify a relation	**MEASUREMENT: Circles** parts of a circle; concept of pi; formula for circumference; estimate circumference; formula for area; estimate area; problem solving **MEASUREMENT: Area and perimeter of compound shapes** calculate perimeter; conservation of area; calculate area; problem solving (including the circle and the semicircle) **MEASUREMENT: Volume and Capacity of Prisms** properties of solids; classification; concept of volume, concept of capacity; calculation of volume; estimate volume; problem solving **MEASUREMENT: Problem Solving involving Rate, Ratio and Proportion** concepts of rate, ratio and proportion; distance, speed and time relationship; speed formula; transposition of speed formula; proportion techniques; problem solving **MEASUREMENT: Consumer Arithmetic** hire purchase; salary and wage; proportion; percentage; percent increase or decrease; currency conversion; problem solving	

Summary of Form 2 Topics taken from Pg 40 of the Secondary School Mathematics Curriculum Guide by the Ministry of Education of Trinidad and Tobago.

See full curriculum here:
https://wpuploadstorageaccount.blob.core.windows.net/corporate/2022/07/9-SCR-Mathematics-Curriculum-Guide.pdf

Contact Info.

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