

Form 2 Math Lessons

Taught by Mrs. Teenisha Heath-Adams

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O1 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.

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)

Meet the Teacher

(formerly Teenisha Heath-Adams **Mathematics** Teenisha Garcia) is а and the teacher, Businesswoman 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 Bachelor's in Education with Specialisation in Secondary Mathematics (Summa Cum Laude). She also graduated as the top student of the graduating year at the Centre For Education Programme.



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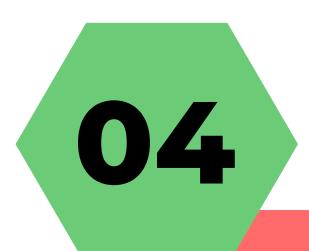




@teenishaheathadams

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/teenishagarcia-pays-forward-the-gift-of-education/



Appendices

Form Two

TERM ONE 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

TERM TWO 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

TERM THREE GEOMETRY: Angles, Triangles and

Parallel lines exterior angle; interior angle; opposite

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



Appendices

Framework for Mathematics Curriculum

Form Two

TERM ONE	TERM TWO	TERM THREE
721111 0112	MEASUREMENT: Circles	TERM THREE
ALGEBRA: Solution of Linear Equations		
expressions and equations; solution for an	parts of a circle; concept of pi; formula for	
equation with variables on both sides; use of	circumference; estimate circumference;	
distributive law; translate verbal statements;	formula for area; estimate area; problem	
problem solving	solving	
ALGEBRA: Solution of Linear Inequalities	MEASUREMENT: Area and perimeter of	
real world context; notation; solution sets;	compound shapes	
solving inequalities; number line representation;	calculate perimeter; conservation of area;	
problem solving	calculate area; problem solving (including	
	the circle and the semicircle)	
SETS, RELATIONS AND FUNCTIONS:		
Sets	MEASUREMENT: Volume and Capacity	
subsets; disjoint sets; intersection of sets; union	of Prisms	
of sets; Venn diagram; counting; problem	properties of solids; classification; concept of	
solving	volume, concept of capacity; calculation of	
	volume; estimate volume; problem solving	
SETS, RELATIONS AND FUNCTIONS:		
Relations, Mappings and Functions	MEASUREMENT: Problem Solving	
relation; concept of arrow diagram; concept of	involving Rate, Ratio and Proportion	
domain and range; concept of relation mapping	concepts of rate, ratio and proportion;	
and function; differentiate among relation	distance, speed and time relationship; speed	
mapping and function; mapping rules	formula; transposition of speed formula;	
	proportion techniques; problem solving	
SETS, RELATIONS AND FUNCTIONS:	1 1 1 1	
Ordered pairs	MEASUREMENT: Consumer Arithmetic	
Concept or an ordered pair; representation;	hire purchase; salary and wage; proportion;	
domain and range; relations; satisfying a	percentage; percent increase or decrease;	
relation; representation on the Cartesian plane;	currency conversion; problem solving	
verify a relation		

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.

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