



PUTTING THE FUN BACK
INTO LEARNING!

Dear Parents and Guardians,

KS4 –

All Grade 9 students will be doing practical work in class along with revising theory topics as a home work. Student who have selected Computing as an optional subject will be extending their knowledge for building logic to solve different problems, using Python.

KS3 –

Grade 8 will start working on Data Analysis using Spreadsheets after completing some more topics on Document Production. Grade 7 will be enhancing their skill of logic building and programming and will start using Variables this term.

The Core Topics:

Grade 6: Students will practice more on developing a website using wix website.

Grade 7: Students will start working on Spreadsheets

Grade 8: Students will focus on Data Analysis and will use spreadsheet to learn different analysis tools and techniques.

Grade 9: In ICT lessons Grade 9 students will revise Web Authoring, as it is an important topic of IGCSE.

Grade 9: In computing lessons Grade 9 students will learn and apply selection statement and different types of loops to solve different problems.

How Can You Help? Encourage your child to enjoy working on their Scratch accounts to build their logic skills and their skill in programming.

Homework: All assigned homework will be available on the BRIC system as well as being explained to students in class.

Useful Website:

Grade 6: <https://codecombat.com/>

Grade 7: <https://scratch.mit.edu/>

www.bbc.co.uk/education/subjects/zvc9q6f

Grade 8: www.bbc.co.uk/education/subjects/z8m5tsbk

www.ictlounge.com

Grade 9 (ICT): <http://www.bbc.co.uk/education/subjects/zqmtsbk>

www.ictlounge.com

Grade 9 (Computing): <http://www.bbc.co.uk/education/subjects/z34k7ty>

Curriculum Content for March 2017:

Grade 6: Web development

Session Name	Description	Learning Intention
Web development	Students will be working on different pages of a website.	<ul style="list-style-type: none">• Students will learn about consistency while building a website.• Students will complete their website project using wix.

Grade 7: Spreadsheets

Session Name	Description	Learning Intention
Spreadsheets	Introduction	<ul style="list-style-type: none">• Students will be given an introduction of Spreadsheets.• Students will learn how to perform mathematical calculations using spread sheets.• Students will learn to apply formatting to spread sheet and cells.
	Formatting, Formulas	

Grade 8: Data Analysis

Session Name	Description	Learning Intention
Styles	Corporate House Styles	<ul style="list-style-type: none">• To learn and understand Corporate house styles• To understand the benefits of making and using house styles.• To create House style for Presentations• To create house style for Documents.
	House Style for Presentations	
	House Style for Documents	
Data Analysis	Data Analysis using Spread sheets:	<ul style="list-style-type: none">• Basic Terminologies; using formulas• Applying formulas and functions

	Using formulas and functions Initiative,	<ul style="list-style-type: none"> • Functions, sum, average, int, round, count, max, min, count a, count if, if. • Using different spreadsheet tools effectively.
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Grade 9 ICT: Web Authoring

Session Name	Description	Learning Intention
Introducing Web Authoring	Basic Formatting tags	<ul style="list-style-type: none"> • To learn Basic Formatting tags, , <i>, <u>, , , , <h1>, <p>,
, <sup>, <sub>, <small>, <mark>, , , <ins>, • To learn and practice inserting Table with attributes, <table>, <caption>, <thead>, <tfoot>, <td>, <tr> • To learn and practice HTML Quotation and citation elements: <q>, <blockquote>, <abbr>, <cite>, <address>, <bdo>
	Inserting Table tags in HTML	
	HTML Quotation and Citation tags	
	Tags in Head section- name, purpose	

Grade 9 Computer Science:

Session Name	Description	Learning Intention
Problem Solving Programming Logic	Algorithm, Pseudocode, Flowcharts	<ul style="list-style-type: none"> • To practice Pseudocode, and to draw flowchart to solve problems. • To practice using constant and variable, scope of variable, types of data, relational operators, logical operators, and arithmetic operators. • To practice programming in Python by converting the Pseudocode into python program. • To learn doing dry run of the program using trace table.
	Variable vs. Constants	
	Programming in Python:	
	Dry Run of the Program	

Best Regards

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ICT & Computing Specialist Teachers