



Kgase International School

Private Bag 75, Palapye, Botswana

(T) (+267) 492-2180 (F) 4922181 e-mail: highschool@kgaswe.ac.bw

(T) (+267) 492-0441 (F) 4920485 e-mail: primaryschool@kgaswe.ac.bw

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SYLLABUS TERM 3 2023

Week	Form 1	Form 2	Form 3
Subject	ICT	ICT	ICT
1	Storage devices and media-characteristics, uses, media, advantages and disadvantages of magnetic storage devices	Starters step1: exploring spreadsheets expert systems	Databases-create a database structure, primary key, foreign keys
2	Storage devices and media-characteristics, uses, media, advantages and disadvantages of optical storage devices	Starters step 1: exploring documents expert systems & test 1	Databases-types of databases
3	Storage devices and media-characteristics, uses, media, advantages and disadvantages of solid state storage devices	Starters step 1: exploring databases	Databases-create and use a data entry form
4	The effects of using it-microprocessor-controlled devices	Starters step 1: exploring images	Databases-use arithmetic operations or numeric functions to perform calculations within a database
5	The effects of using it-microprocessor-controlled devices	The systems life cycle	Databases-perform calculations
6	The effects of using it-microprocessor-controlled devices	The systems life cycle	Databases- produce reports to display data appropriate to purpose and audience
7	The effects of using it-potential health problems related to the prolonged use of it equipment	Safety and security	Databases- produce reports to display data appropriate to purpose and audience
8	The effects of using it-potential health problems related to the prolonged use of it equipment	Audience	Databases- labels to display data appropriate to purpose and audience
9	The effects of using it-potential health problems related to the prolonged use of it equipment	Communication	Databases- labels to display data appropriate to purpose and audience
10	End of year examinations	End of year examinations	End of year examinations
11	End of year examinations	End of year examinations	End of year examinations
12	Examination revision	Examination revision	Databases revision using past papers
13	Examination revision	Examination revision	Revision of examination
Subject	Mathematics	Mathematics	Mathematics
1	Graphs	Revision of paper 1 and holiday home work, year November 2022	Right angled triangles
2	Graphs	Revision of paper 2 and Test 1, year November 2021	Finding an known angle
3	Ratio and proportion	Revision of Paper 1, Year November 2020	Bearings
4	Probability	Revision of Paper 2 and Test 2, Year November 2019	Scale drawing
5	Position and transformation	Revision of Paper 1, Year November 2018	Three dimensional problems
6	Position and transformation	Revision of Paper 2 and Test 3, Year 2018 and the 3rd test written	Sine, cosine, tangent for any angles
7	Position and transformation	Revision of Paper 1, Year 2017 November	The sine rule
8	Distance, area and volume	Revision of Paper 1, Year 2016 November	The cosine rule
9	Distance, area and volume	Revision of Paper 2, Year 2015 November	Graphs(drawing accurate graphs)
10	Exams	End of year examinations	Gradient
11	Exams	End of year examinations	End of year exam
12	Examination Revision	Examination revision	End of year exam
13	Preparation for Form 2	Preparation for Form 3	Preparation for Form 4

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Week	Form 1	Form 2	Form 3
Subject	English	English	First language
1	Transitive and Intransitive Verbs	Explaining how writers present and organise text effect: Recognise how texts are presented for effect, explain how texts are organised for effect.	Explicit meaning-recognising fact, opinion and bias- analysing and evaluating
2	Regular and irregular verbs	Identifying relevant information and distinguishing between fact and opinion: Identify relevant information in an article, distinguish between facts and opinions	Implicit meaning- character-writing to inform and explain -exam practice- paper 1-style questions
3	Tenses(present, past, future)	Varying sentence structure to make explanations clear and engaging: use a mixture of simple, compound and complex sentences, vary sentence structures to make explanations engaging	Implicit meaning -setting -understanding the form and purpose of different texts/structuring content in descriptive writing
4	Comprehension	Explaining Things clearly in speech: give a short presentation and answer questions.	Emotive language-structuring informative writing -exam practice- paper 1-summary writing
5	Passive and Active voice	Check point Exams	Deducing the audience/structuring paragraphs in argument texts
6	Definite and indefinite article	Check point Exams	Writing to persuade/ structuring persuasion -exam practice- paper 1-the writers effects
7	Gender	Exploring how argument texts are organized: comment on the way a text has been organized	Vocabulary and word classes/accurate sentences-revisit the conventions-letter, article, speech, news report journal
8	Descriptive writing	Comparing writers' point of view: combination of reading skills and responding to a persuasive text.	Sentence punctuation/accurate use of paragraphs, paragraph cohesion, proof reading(exam practice paper 2)
9	Comprehension	Preparing a formal debate: Taking part in a formal debate	Audience and levels of formality/voice and role, analyse the writer's craft
10	End of year Exam	End of year exams	End of year exams commence
11	End of year Exam	End of year exams	End of year exams continue
12	Revision	Structuring an effective persuasive text: structure a persuasive text effectively.	Revision of exams
13	Preparation for Form 2	Writing a persuasive email: combine the persuasive and argumentative writing skills	Preparation for Form 4
			English Second Language
1			Argumentative article - listening test
2			Reading and writing test - vocabulary and reading
3			Learning- vocabulary and writing - letter
4			Listening test - stop and check 3 and 4 and review writing
5			
6			Reading and writing test
7			Listening test - exam focus - communication - comprehension and review writing
8			Article and comprehension writing
9			Listening test - revision for exams - reading and writing exercises
10			End of year exams

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Week	Form 1	Form 2	Form 3
11			End of year exams
12			Revise the end of year exam - comprehension and grammar - jobs
13			Grammar practice
Subject	Literature	Literature	Literature
1	Revision	The major themes in My name is Parvana- list themes on board. Pair up students per theme. Research and class presentations	Poetry- ozymandias- discuss the sonnet and write an analysis for presentation
2	Introduction of Without a Silver Sword	My name is Parvana -summary and major themes-verbal summaries of the novel. List of major themes, group work and presentations	Purple hibiscus(continuous assessment paper 1)discuss papa's changing character throughout the novel
3	Reading and discussion of the plot, setting and theme.	Introduce IGCSE literature syllabus. Introduce poetry IGCSE- on finding a small fly crushed in a book-analysis of the poem in class. Write an individual analysis	Drama- dramatic elements in selected scenes
4	Reading and discussion of Without a Silver Sword	Introduce drama- dramatic elements in literature. List dramatic elements, how play writers manipulate them for effect	Picnic at hanging rock(continuous assessment paper 3)-discuss the role of madam m in the novel
5	Reading and discussion of Without a Silver Sword	Poetry- from long distance-poem analysis and presentations	Poetry- the telephone call-discuss the poem and write an analysis for presentation
6	Reading and discussion of the Without a Silver Sword, summary of the first chapters	Prose- introduce purple hibiscus-the author and her works- research and presentations	Purple hibiscus (assessment paper 4)research and presentation on the portrayal of women in the novel
7	Reading and discussion of Without a Silver Sword (characterisation)	Unseen prose and verse- guidelines on dealing with unseen verse and prose	Unseen verse and prose- past paper 4
8	Reading and discussion of Without a Silver Sword	Poetry- funeral blues-poem analysis and presentations	Drama- using an aside as a dramatic technique
9	Reading and discussion of Without a Silver Sword	Unseen prose and verse	Purple hibiscus-discuss the role of religion in the novel
10	End of year exams	End of year exams	End of year exams
11	End of year exams	Revision	End of year exams
12	Reading and discussion of Without a Silver Sword	Revision	Revision
13	Summary of the Without a Silver Sword	Revision and wrap up	Revision and wrap up
Subject	French	French	French
1	Le corps	Le college: matieres, horaires et vie scolaire (les verbes infinitif et le present)	C'etait comme ca: l'imparfait, la traduction
2	Le malade: l'imperatif, les consigne	Le college: matieres, horaires et vie scolaire (les verbes infinitif et le present)	Ca change: la comparaison de l'imparfait et present, les consonants 'c'g' les adjectifs comparative
3	Des cadeaux pour tout le monde: les chiffre de 60	Manger equilibre: le genre et le nombre	L'imparfait et le passe compose exercices.
4	Des vetement: les noms pluriel	Les cafes, les restaurants: l'article: defini, indefini,partitif	Vu et lu: tele, cinema, livre. Les siteweb, accents et phonetique
5	Les descriptions personnelles: avoir, les lettres 'eu', sommaire	Les plats traditionnels: l'accord et la place de l'adjectif	1. Ils etaient celebres: passe compose et imparfait 2. C'est extra
6	Quel temps fait-il?: phonetique 'au''aux''eau''eaux' 2. Les saisons: quand, les lettres 'am''an''em''en'	Les problemes de sante: l'adjectif et le pronom demonstratif	1.la vie scolaire: comparaison entre l'ecole en france et l'ecole au botswana 2. Quelles matieres aimes-tu?: aller +infinitif et negation
7	Le sport: jouer a+ sport/jeu, jouer,	Les conseils de sante: l'imperatif	1.mes projets pour l'annee prochaine: il

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Week	Form 1	Form 2	Form 3
	phonetique '-er''-et''-ey''-ez'		faut et il ne faut pas, phonetique (nasal and non-nasal) 2. D'accord ou pas d'accord: ne...pas, ne... plus, ne...jamais, ne rien.... Ne personne, avoir raison et avoir tort
8	1. Des bandes dessinees: verbs en -er 2. En famille: les activite, qu'est ce que on fait les weekends, les verbs en -er	La famille: les verbes: le passe compose	1. Il y a beaucoup de metiers: masculin et femine, '-eur/-euse' '-ien/-ienne' '-ier/-iere' 2. C'est quand? Les present, passe et futur
9	1. En ville: la lettre 'h' 2. Qu'est ce qu'il y a en ville?: les adjectives	La famille: les verbes: le passe compose	Au parc du futurescope: le pronon 'y'
10	End of year exams	End of year	End of year
11	End of year exams	End of year	End of year
12	1. C'est pres d'ici: lettre '-t' or '-te' 2. Ou exactement?: les prepositions, de+ lieu	Les premieres contacts: venir de + infinitif	On pense a l'avenir: future simple; verbes irregulaire
13	1. Elle est comme ta ville?: il y a, il n'y a pas de 2. Allez, on y va: verb 'aller'	Les premieres contacts: venir de + infinitif	Voici la meteo: les lettre 'o' 'au(x)' 'eau(x)'
Subject	Setswana	Setswana	Setswana
1	Lenyalo la segologolo	Thanolo	Literature - new drama book - papetlana
2	Lenyalo la segompiano	Thanolo	Literature - composition - narrative-comprehension test
3	Thanolo	Mokwalo o o lolameng	Literature - letter writing - translation practice
4	Thanolo	Puo e e bofitlha	Composition and comprehension test - speech writing
5	Mokwalo o o lolameng	Mothofatso	Letter writing - papetlana -report writing - comprehension practice
6	Puo e e bofitlha	Tshwantshanyo	Literature test -papetlana and setlhoa sa thaba - translation practice
7	Lelwapa	Tshwantshiso	Composition - argumentative - papetlana - ngwao ya batswana
8	Lekwalo la botsalano	Polelo	Papetlana - comprehension
9	Lekwalo la semmuso	Leboko	Grammar - revision and revision end of year exams lang and literature
10	End of year exams	End of year exam	End of year exams
11	End of year exams	End of year exam	End of year exams
12	Revision of exams	Puisano	Revise the exam. -poetry- sefalana sa menate
13	Revision and wrap up, preparation for Form 2	Leboko	Poetry- sefalana sa menate
Subject	Physics	Physics	Physics
1		Density	General properties of waves
2	Sound	Heat	General properties of waves
3	Magnetism	Heat dissipation	Reflection of light
4	Light	Heat transfer processes: convection	Refraction of light
5	Light	Heat transfer process: radiation	Dispersion of light
6	Cycles of the earth climate	Heat transfer process: cconduction	Thin converging lens
7	Galaxy in terms of stellar dust, gas, stars and planetary system	Cooling effect of evaporation	Electromagnetic spectrum
8	Understanding asteroids	End of year exam	Sound
9	Movements of tectonic plates	End of year exam	Sound
10	Tectonic activities: volcanoes, earthquakes, fossil record.	Returning of exam papers and revising	End of year exams
11	End of year exams	Sound	End of year exams

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Week	Form 1	Form 2	Form 3
12	End of year exams	Wave forms	End of year exams
13	Revising exam papers	Review of terms work	Revising exam papers
Subject	Biology	Biology	Biology
1	The process of photosynthesis	Human excretory system	Respiration.
2	Plant requirements	Inheritance	Beginning of the term test.
3	The carbon cycle	Foetal development	Respiration.
4	Climate change	Transport in plants	Excretion in humans.
5	Plants and water	Photosynthesis	Excretion in humans.
6	Transpiration	Checkpoint final exams	Coordination and response.
7	Excretion in humans	Returning of exam papers & revising	Coordination and response.
8	Keeping a foetus healthy	IGCSE :characteristics of living things	Sense organs
9	Chromosomes, genes and DNA	IGCSE : cells	Sense organs
10	Gametes and inheritance	IGCSE : transport in plants	End of year exams.
11	Variation	IGCSE :internal structure of leaf	End of year exams.
12	Natural selection	IGCSE : photosynthesis	Revision of end of year exams.
13	Review	Review of terms work	Revision of end of year exams.
Subject	Chemistry	Chemistry	Chemistry
1	Preparation of salts	Revision of paper 2	Acids and bases, identification and reactions
2	Mass and chemical reactions	Revision of paper 1	Neutralisation reactions
3	Energy and chemical reactions	Experiments on solubility	Making salts
4	Rates of reaction	Separation and purification	Oxides , solubility of salts
5	Factors affecting rates of reaction	Chromatography	Arrangement of elements in the periodic table and group properties
6	Ionic bonding	Atoms compounds and mixtures	Transition elements and metallic behaviour
7	Covalent bonding	Ions and ionic bond	Uses of metals, alloys and their properties
8	Densities of different states of matter	Covalent bonding	Reactivity series of metals
9	Trends in groups within the periodic table	Giant molecules	Extraction of metals
10	Word and symbol equations	Metallic bonding	Examinations
11	The reactivity series	Properties of metallic materials	Experimental work titration and ion identification
12	Displacement reactions	Review of term	Review of term
13	Review	Revision	Revision
			Coordinated science
			Effects of tobacco smoke
			Quantities
			Distance/length
			Micrometer screw gauge
			Time
			Pendulum
			Distance time graphs
			End of year exam
			End of year exam
			Returning of exam papers & revising
			Speed
			Speed time graph
			Review of the terms work
Subject	Geography	Geography	Geography
1	Homework revision and feedback	Homework revision and feedback	Homework revision and feedback
2	How can we use maps?/TEST 1	How earthquakes happen:/Test 1	Describe the importance of non-renewable

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Week	Form 1	Form 2	Form 3
			fossil fuels, /Test 1
3	How can we show direction	Features of earthquakes and its effects/The global pattern of plates and their structure	Describe the importance of renewable fossil fuels,
4	How can we measure distance?	Reduce impacts of earthquakes:	Evaluate the benefits and disadvantages of nuclear power and renewable energy sources
5	How do we use map symbols?/Test 2	Types of volcanoes (including strato-volcanoes [composite cone] and shield volcano)	Non-renewable fossil fuels including coal, oil and natural gas. Test 2
6	What are grid references?	Features of volcanoes (including crater, vent, magma chamber) test 2	Renewable energy supplies including geothermal, wind, HEP, wave and tidal power, solar power and bio fuels, test 3
7	How do we use six figure grid references?/ Test 3	Describe and explain the distribution of earthquakes and volcanoes /test 3	Describe methods of water supply and the proportions of water used for agriculture, domestic and industrial purposes in countries at different levels of economic development
8	How is height shown on a map	Case Studies required for 2.1 • An earthquake • A volcano	Explain why there are water shortages in some areas and demonstrate that careful management is required to ensure future supplies
9	END OF YEAR EXAM	END OF YEAR EXAM	END OF YEAR EXAM
10	END OF YEAR EXAM	END OF YEAR EXAM	END OF YEAR EXAM
11	Exam revision/feedback and review of question papers	Exam revision/feedback and review of question papers	Exam revision/feedback and review of question papers
12	Introduction of IGCSE syllabus	introduction of F3 work and subject choices	Introduction of F4 work and getting ready for final year
13	SPORTS/CLOSING THE YEAR	SPORTS/CLOSING THE YEAR	SPORTS/CLOSING THE YEAR
			Environmental management
			Homework revision and feedback
			Outline the resource potential of the oceans/test 1
			Outline the distribution of major ocean currents
			Explain the distribution of major marine fish populations
			Describe the El Niño Southern Oscillation (ENSO) phenomenon and its effects on fisheries along the Pacific coast of South America/ test 2
			Describe and explain the impact of exploitation of fisheries/ test 3
			Describe how farming of marine species reduces the exploitation of fisheries
			Describe, explain and evaluate strategies for management of the harvesting of marine species
			END OF YEAR EXAM
			END OF YEAR EXAM
			Exam revision/feedback and review of question papers
			Introduction of F4 work and getting ready

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Week	Form 1	Form 2	Form 3
			for final year
			SPORTS/CLOSING THE YEAR
Subject	Business studies	Business studies	Business studies
1	Recap term to and holiday work	Revision of holiday work and work covered in term 2, Test 1	Achieving Quality and location decision
2	The basic economic problem	Introduction to Economics - definition, basic economic problem and questions.	Marketing and the consumer
3	Test 1 and test revision	Production - factors of production and their rewards, stages of production	Test 1 and revision
4	Micro and macro economics	Production possibility frontier (PPF) - definition, illustration and assumptions, Test 2	Market research
5	The role of markets in the allocation of resources	Economic systems - types, advantages and disadvantages	Marketing mix: Product
6	Test 2 and test revision	Checkpoint exams	Test 2 and revision
7	Demand	Demand theory - definition, demand law and curve, effective and latent demand, determinants of demand, Test 3	Marketing mix :Price
8	Supply	Supply theory - definition, supply law and supply curve, determinants of supply	Marketing mix: place
9	End of year examinations	Elasticity of demand - formula and calculations	End of year examinations
10	End of year examinations	End of year examinations	End of year examinations
11	End of year examinations	End of year examinations	End of year examinations
12	Revision	Elasticity of supply - formula and calculations	Revision
13	Price determination	Uses of price elasticity of demand and supply	Marketing Strategy
			Accounting
			Revision of holiday assignment and work covered in term 2
			Test 1, Irrecoverable debts and provision for doubtful debts, define irrecoverable debts and recovered debts, prepare ledger and journal entries to record irrecoverable debts and recovery of debts written off.
			Explain the reasons for maintaining a provision for doubtful debts, prepare ledger accounts and journal entries to record the creation of, and adjustments to, a provision for doubtful debts.
			Preparation of financial statements of sole traders making adjustments for depreciation, accrued and prepaid expenses and income, irrecoverable debts and provision for doubtful debts, Test 2
			Valuation of inventory - basis of inventory valuation, preparation of inventory valuation statements, recognise the importance of valuation of inventory and the effect of an incorrect valuation of inventory on gross profit, profit for the year, equity and asset valuation.
			Capital and revenue expenditure and receipts - distinguish between and account

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Week	Form 1	Form 2	Form 3
			for capital and revenue expenditure and receipts, calculate and comment on the effect on profit and on asset valuations of incorrect treatment, Test 3
			Business documents - recognise and understand the use of invoice, debit note, credit note, statement of account, bank statement, cheque, cheque counterfoil, paying-in slip and receipt. Complete pro-forma business documents.
			Books of prime entry - explain the advantages of using sales journal, sales returns journal, post the ledger entries from the above journals.
			Books of prime entry - explain the advantages of using purchases journal, purchases returns journal, post the ledger entries from the above journals.
			End of year examinations
			End of year examinations
			Petty cash book - record transaction, explain and apply the imprest system.
			Petty cash book - record transaction, explain and apply the imprest system.
			Economics
			Revision of holiday assignment and work covered in term 2, Test 1
			Market structure - competitive markets, features, advantages and disadvantages
			Monopoly - features, advantages and disadvantages
			The role of government, macroeconomic aims of government and possible conflicts between macroeconomic aims, Test 2
			Fiscal policy - definition of the budget, reasons for government spending, reasons for taxation, principles of taxation and classification of taxes.
			Impact of taxation, definition of fiscal policy, fiscal policy measures and effects of fiscal policy on government macroeconomic aims, Test 3
			Monetary policy - definition of money supply and monetary policy, monetary policy measures and effects of monetary policy on government macroeconomic aims.
			Supply-side policy - definition of supply-side policy, supply-side policy measures and effects of supply-side policy measures on government macroeconomics aims
			Economic growth - definition,

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			measurement of economic growth
			End of year examinations
			End of year examinations
			Causes and consequences of recession, economic growth and policies to promote economic growth
			Economic development - differences in economic development between countries, indicators of living standards and comparison