

	Paper title	Paper length	Revision topics
Biology	Paper 1 Biology	1 hr	SB1, SB2, SB3 and SB4
Business Studies	Theme 1: Investigating Small business	1 hour	<p>1.1 to 1.4 Topic 1.1 Enterprise and entrepreneurship <u>1.1.1 The dynamic nature of business</u> Why new business ideas come about: <ul style="list-style-type: none"> ◦ changes in technology ◦ changes in what consumers want ◦ products and services becoming obsolete How new business ideas come about: <ul style="list-style-type: none"> ◦ original ideas ◦ adapting existing products/services/ideas <u>1.1.2 Risk and reward</u> The impact of risk and reward on business activity: <ul style="list-style-type: none"> ◦ risk: business failure, financial loss, lack of security ◦ reward: business success, profit, independence <u>1.1.3 The role of business enterprise</u> The role of business enterprise and the purpose of business activity: <ul style="list-style-type: none"> ◦ to produce goods or services ◦ to meet customer needs ◦ to add value: convenience, branding, quality, design, unique selling points. The role of entrepreneurship: <ul style="list-style-type: none"> ◦ an entrepreneur: organises resources, makes business decisions, takes risks. Topic 1.2 Spotting a business opportunity <u>1.2.1 Customer needs</u> Identifying and understanding customer needs: <ul style="list-style-type: none"> ◦ what customer needs are: price, quality, choice, convenience ◦ the importance of identifying and understanding customers: generating sales, business survival. </p>

			<p><u>1.2.2 Market research</u> The purpose of market research:</p> <ul style="list-style-type: none"> ◦ to identify and understand customer needs ◦ to identify gaps in the market ◦ to reduce risk ◦ to inform business decisions <p>Methods of market research:</p> <ul style="list-style-type: none"> ◦ primary research: survey, questionnaire, focus group, observation ◦ secondary research: internet, market reports, government reports. <p>The use of data in market research:</p> <ul style="list-style-type: none"> ◦ qualitative and quantitative data ◦ the role of social media in collecting market research data ◦ the importance of the reliability of market research data. <p><u>1.2.3 Market segmentation</u> How businesses use market segmentation to target customers:</p> <ul style="list-style-type: none"> ◦ identifying market segments: location, demographics, lifestyle, income, age ◦ market mapping to identify a gap in the market and the competition. <p><u>1.2.4 The competitive environment</u> Understanding the competitive environment:</p> <ul style="list-style-type: none"> ◦ strengths and weaknesses of competitors based on: price, quality, location, product range and customer service ◦ the impact of competition on business decision making <p>Topic 1.3 Putting a business idea into practice</p> <p><u>1.3.1 Business aims and objectives</u> What business aims and business objectives are. Business aims and objectives when starting up:</p> <ul style="list-style-type: none"> ◦ financial aims and objectives: survival, profit, sales, market share, financial security ◦ non-financial aims and objectives: social objectives, personal satisfaction, challenge, independence and control.
--	--	--	--

			<ul style="list-style-type: none"> ◦ Why aims and objectives differ between businesses. <p><u>1.3.2 Business revenues, costs and profits</u></p> <p>The concept and calculation of:</p> <ul style="list-style-type: none"> ◦ revenue ◦ fixed and variable costs ◦ total costs ◦ profit and loss ◦ interest ◦ break even level of output ◦ margin of safety <p>Interpretation of break even diagrams:</p> <ul style="list-style-type: none"> ◦ the impact of changes in revenue and costs ◦ break even level of output ◦ margin of safety ◦ profit and loss <p><u>1.3.3 Cash and cash-flow</u></p> <p>The importance of cash to a business:</p> <ul style="list-style-type: none"> ◦ to pay suppliers, overheads and employees ◦ to prevent business failure (insolvency) ◦ the difference between cash and profit. <p>Calculation and interpretation of cash-flow forecasts:</p> <ul style="list-style-type: none"> ◦ cash inflows ◦ cash outflows ◦ net cash flow ◦ opening and closing balances. <p><u>1.3.4 Sources of business finance</u></p> <p>Sources of finance for a start-up or established small business:</p> <ul style="list-style-type: none"> ◦ short-term sources: overdraft and trade credit ◦ long-term sources: personal savings, venture capital, share capital, loans, retained profit and crowd funding. <p>Topic 1.4 Making the business effective</p> <p><u>1.4.1 The options for start-up and small businesses</u></p> <p>The concept of limited liability:</p> <ul style="list-style-type: none"> ◦ limited and unlimited liability
--	--	--	---

			<ul style="list-style-type: none"> ◦ the implications for the business owner(s) of limited and unlimited liability. <p>The types of business ownership for start-ups:</p> <ul style="list-style-type: none"> ◦ sole trader, partnership, private limited company ◦ the advantages and disadvantages of each type of business ownership. <p>The option of starting up and running a franchise operation:</p> <ul style="list-style-type: none"> ◦ the advantages and disadvantages of franchising <p><u>1.4.2 Business location</u></p> <p>Factors influencing business location:</p> <ul style="list-style-type: none"> ◦ proximity to: market, labour, materials and competitors ◦ nature of the business activity ◦ the impact of the internet on location decisions: e-commerce and/or fixed premises. <p><u>1.4.3 The marketing mix</u></p> <p>What the marketing mix is and the importance of each element:</p> <ul style="list-style-type: none"> ◦ price, product, promotion, place. <p>How the elements of the marketing mix work together:</p> <ul style="list-style-type: none"> ◦ balancing the marketing mix based on the competitive environment ◦ the impact of changing consumer needs on the marketing mix <p>the impact of technology on the marketing mix: e-commerce, digital communication.</p>
Chemistry	Paper 1 Chemistry	1 hr	SC1, SC2, SC3, SC4, SC5, SC6, SC7, SC8, SC9
Combined science	Paper 1 Biology Paper 1 Chemistry Paper 1 Physics	1 hr 1 hr 1hr	CB1, CB2, CB3 and CB4 CC1, CC2, CC3, CC4, CC5, CC7c, CC8 CP1, CP2, CP3, CP4, CP5 and CP6
Computer Science	Paper 1 : 1.2 Memory & storage 1 hour	1hr	1.2 Memory & storage
DT textiles	Paper 1 Design & Technology	1hr	

Product design	Paper 1 Design & Technology	1hr	
Drama	Unit 1: Understanding Drama	1 hour 45 mins	Noughts & Crosses set text, different types of staging.
Engineering	Solving Engineering Problems	1 Hour	Materials, properties and applications Engineering tools and equipment Product Analysis, Engineering drawing
English Language	Paper 1 Section B Writing	45 minutes	Narrative writing techniques
English Literature	Macbeth	1 hour	Quotes for main characters and themes Full understanding of the narrative
Food	Food safety & hygiene	1 hour	Food safety & hygiene
French	Paper 4: Writing	1 hour	All units taught in Year 10 so far. Grammar- different tenses (present tense, passé composé, future/conditional) 90 word and 150 word technique. Translation practice.
Geography	Combined paper 1 and 2 units	1hr	Living World Resources Nigeria
German	Paper 4: Writing	1 hour	All units taught in Year 10 so far. Grammar- different tenses
History	Conflict and Tension	1hr	Treaty of Versailles, League of Nations
Maths	Year 10 Mock Paper	90 mins	Year 10 taught content

Media studies	GCSE Past Paper – Media Paper 2	1 hr	Music Videos- Set Texts. James Bond- Film Industry.
Music	Year 10 Music Mock	Approx. 45 Mins	<ul style="list-style-type: none"> • Harmony (chords) • Key Signatures • Diatonic Harmony and Harmonic Analysis (Chords as they relate to the key signature) • Pop Music, Africa Toto – Set Work
PE	GCSE PE Paper 1	1 hour	<ul style="list-style-type: none"> • Applied Anatomy and Physiology • Physical Training • Use of Data
Physics	Paper 1 Physics	1 hr	SP1, SP2, SP3, SP4, SP5 and SP6
RE	Christianity: Beliefs & Teachings and Islam: Beliefs & Teachings	1 hour	All Christianity Beliefs and Teachings topics All Islam Beliefs and Teachings topics
Spanish	Paper 4- Writing	1 hour	All units taught in Year 10 so far. Grammar- different tenses (present tense, preterite, imperfect, future/conditional) 90 word and 150 word technique. Translation practice.