

KMA November 2024 Mock Exams- topic lists

English Language	Language Paper 2: Q1,2 (synthesise), 3 (analyse language), 4 (comparison), 5 (writing to persuade)
English Literature	Literature Paper 2. Power and Conflict Poetry, An Inspector Calls and Unseen Poetry.
Maths	Foundation: all topics on foundation syllabus Higher: All topics on Higher but not vectors nor functions for 11B1/11A2 See full topic list on website https://www.kibworth-tmet.uk/students/exam-information/
Science	All of Paper 1 for chemistry, physics and biology. Chemistry: Atomic structure and periodic table, Structure and bonding, Quantitative Chemistry, Chemical changes, Energy changes Physics: Energy, Electricity, Particles, Radioactivity Biology: Cells, Organisation, Infection, Bioenergetics
Business	Business Activity, Marketing, People
Computer Science	Systems Architecture – 1.1, Memory and Storage – 1.2, Networks – 1.4, Computational Thinking – 2.1, Programming Fundamentals – 2.2, Robust Programs – 2.3, Boolean Logic – 2.4, Program languages and IDEs – 2.5
Design Technology	Sustainability, material properties, forces, movement, timbers, metals, manufacturing processes, designers/design companies, drawing techniques
Drama	Stage Types, Stage Positions, Theatre Roles & Responsibilities. Blood Brothers: Costumes & Design, Context, Characters and performance techniques. Frankenstein: Physical and Vocal Skills.
Economics	Economic Foundations, Resource Allocation, How prices are determined, Production, costs, revenue and profit, Competitive and concentrated markets, Market Failure
Food	Nutrients, HBV & LBV Proteins, Genetically Modified Foods, Food Security, Allergens, Cooking Methods, Functions of Ingredients Food Hygiene (Bacteria & Food Poisoning)
French	See full topic list on website https://www.kibworth-tmet.uk/students/exam-information/
Geography	Paper 1 (35%): Living with the Physical Environment Natural Hazards (33 marks) Living World (25 marks) Physical Landscapes- Coasts and Rivers (30 marks) See full topic list on website https://www.kibworth-tmet.uk/students/exam-information/
History	Elizabethan England: full paper. To cover: Elizabethan England - Royal Court, Parliament and the Privy Council. Religious Settlement - Catholic opposition (including plots) and Puritan opposition. Aspects of the 'Golden Age' - theatres and exploration. Hardwick Hall and Bess of Hardwick.
PE	Bones, Muscles, Movement Analysis, Components of Fitness,
Sociology	Key Concepts - Gender Roles, Norms, Values and Identity. Families - Sociological perspectives of Family, Reasons for Decline of the family. Education - Sociological perspectives of education, The impact of the Curriculum. Research Methods - Questionnaires, Interviews, Ethics.
Spanish	See full topic list on website https://www.kibworth-tmet.uk/students/exam-information/
Sports Studies	User groups, barriers to participation, barrier solutions, factors which can positively and negatively impact upon the popularity of sport and emerging sports.