PROPOSED LIST OF SUBJECTS AT SENIOR SCHOOL

LESSON DISTRIBUTION AT SENIOR SCHOOL

The number of lessons in each of the compulsory learning areas shall be 4; while the optional areas shall be 6 lessons each. A lesson shall be 40 minutes. The "free" lessons shall be used for development of ICT skills, Pastoral Instruction Programme (PPI), projects, collaborative study and further reading.

ESSENCE STATEMENT

Aviation Technology explores the dynamic world of flight, equipping learners with the fundamental knowledge and skills to understand aircraft construction, flight, and airport operations. It is designed to align a learner to the Technical Studies track in line with the Science Technology, Engineering and Mathematics (STEM) pathway. Aviation technology is anchored on Kenya Vision 2030 and Sessional Papers No. 1 of 2015 and No. 1 of 2019, with the goal of equipping learners with the necessary skills and knowledge to contribute to the growth and efficiency of the aviation industry. This educational focus aims to foster economic development, enhance connectivity, and support the tourism and trade sectors, which are vital to Kenya's economic growth. Through hands-on experiences, learners develop a comprehensive understanding of the science and technology behind aviation.

This will enable them to analyze, design, and construct basic aircraft models, comprehend the importance of aviation safety procedures, and appreciate aviation's impact on society and the environment. The knowledge will promote the social, economic, and industrial needs of the aviation industry. By engaging with real-world applications and emerging technologies, learners gain the skills and knowledge necessary to pursue diverse career opportunities, enhance the efficiency and safety of the aviation industry, and engage with a global community.