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

Power mechanics involves the study of mechanical systems, forces, and movement. Pre-Technical studies at Junior School lays foundation for Power Mechanics at Senior School. It equips the learner with information on career progression in power mechanics related areas of study while preparing them to pursue further education. Power mechanics is key in the preparation of much needed technical workforce for the country. It also enables the learner to develop the core competencies prescribe in Competency Based Curriculum (CBC) which includes: Critical thinking and problem solving, Communication and collaboration, Citizenship, Learning to learn, Self-efficacy and Digital literacy. It also enables the learner to have values such as: Peace, Love, Unity, Responsibility, Patriotism and Integrity. The learning are also exposes the learner to Pertinent and on temporary issues in the society. The learning area covers the following strands: fundamentals of power mechanics technology, related drawing, vehicle systems, and engines.

SUBJECT GENERAL LEARNING OUTCOMES

By the end of Senior School, the learner should be able to:

1. Attain a firm foundation for career growth, further training and education in power mechanics related areas of study.
2. Utilise acquired power mechanics competencies to service and repair vehicle systems.
3. Apply acquired drawing skills to interpret and communicate engineering designs using information and communication technology where applicable.
4. Relate positively with members of the society during visits to work environment.
5. Use acquired knowledge to identify business opportunities related to power mechanics.
6. Appreciate the place of power mechanics in day-to-day life.