

SCHEME OF WORK ON PHYSIS FOR S.S.S. 1

WEEK	CONTENTS
Week I	Revision of the last term work and resumption test
Week ii	Particulate Nature of matter (structure of matter) <ul style="list-style-type: none"> i. Evidence of particle of nature of matter ii. Simple atomic structure iii. Molecules i.e. their nature, size and using molecules to illustrate the three state of matter
Week iii	a. Crystal of matter <ul style="list-style-type: none"> i. Description of structure of simple crystal ii. Distinguish between crystalline and non-crystalline amorphous substance
Week iv	Photon's <ul style="list-style-type: none"> i. Particle nature of photons ii. Mention the particle properties of photons. Use concept of photon to explain that light behaves like particles
Week v	Fluids at rest and in motion: <ul style="list-style-type: none"> i. Surface tension (definition and effects) ii. Simple experiment on surface tension iii. Examples of the application of surface tension
Week vi	Viscosity: Classify fluids according to their viscous properties. <ul style="list-style-type: none"> i. Application of viscosity ii. Examples of PF
Week vii	Mid Term Test/Break
Week viii	Units of Measurement <ul style="list-style-type: none"> i. Units in industry ii. Identify units used in industry. i.e Temperature in F,C,K,J, power in horse power: oil in barrel and land in acres
Week ix	Electrical Continuity testing: i.e continuity faults in electric circuits
Week x	Solar Collector <ul style="list-style-type: none"> i. Solar Energy ii. Solar Panel for energy supply
Week xi	Revision
Week xii	Examination