

**WHAT 0757478868 LESSON PLANS,RECORD OF WORK LATEST EXAM SERIRS
JESMA,COMPASS ,SIGNAL 2**

GRADE 10 PHYSICS SCHEMES OF WORK: TERM 3 2026

W k	Ls n	Strand	Sub- Strand	Specific Learning Outcomes	Learning Experiences	Key Inquiry Questions	Learning Resources	Assessmen t Methods	Ref/ Reflecti on
1	1	3.0 Electricity & Magnetism	3.3 Introducti on to Electronic s	Describe energy bands in solids; Distinguish conductors, insulators, and semiconductor s; Appreciate the role of semiconductor s in modern electronic devices.	Discuss energy band models in conductors, insulators, and semiconductor s using charts; Differentiate electrical conductivity mechanism across solid materials; Write summary notes on solid material classification in exercise books.	How do energy bands classify solid electronic materials?	Energy band charts; Physics G10 Coursebook; Digital devices	Oral questioning; Written notes; Peer review	
	2	3.0 Electricity & Magnetism	3.3 Introducti on to Electronic s	Explain intrinsic semiconductor properties; Describe the doping process in extrinsic semiconductor	Discuss electron-hole pair generation in pure silicon and germanium semiconductor s; Search	How does doping alter semiconductor electrical conductivity?	Atomic structure diagrams; Digital devices; Worksheets	Diagram check; Group discussion; Written quiz	

Wk	Lsn	Strand	Sub-Strand	Specific Learning Outcomes	Learning Experiences	Key Inquiry Questions	Learning Resources	Assessment Methods	Ref/Reflection
				s; Value semiconductor doping in altering electrical conductivity.	digital media for atomic doping mechanisms adding trivalent and pentavalent impurities; Draw atomic lattice diagrams illustrating intrinsic and extrinsic semiconductors.				
	3	3.0 Electricity & Magnetism	3.3 Introduction to Electronics	Distinguish N-type and P-type semiconductors; Identify majority and minority charge carriers in doped semiconductors; Recognize the significance of carrier movement in electronics.	Compare majority charge carriers in N-type versus P-type extrinsic semiconductors; Construct comparison tables illustrating charge carrier differences in exercise books; Present group findings on semiconductor charge carrier behavior to	What charge carriers dominate P-type and N-type semiconductors?	Comparison charts; Workbooks; Chart paper	Table evaluation; Group presentation ; Oral test	