RECORD OF WORK COVERED

ELECTRICITY • GRADE 10 • TERM 2

Main Reference: Master Electricity Learner's Book

School: ..... **Teacher:** ..... **T.S.C No.:** .....

WEEK 1

TERM	WEEK	DATES	MON	TUE	WED	THU	FRI
Term 2	Week 1						

Records of Work Covered

SUBJECT & GRADE	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE / MAIN BOOK(S) & PAGES	REMARKS
Electricity Grade 10			**Electrical Machines — Magnetism - Introduction to magnets and magnetism** Defined the terms magnet and magnetism; Identified magnetic and non-magnetic materials; Related magnetism to everyday items like fridge magnets and magnetic door catches	Master Electricity Learner's Book Grade 10 pg. 96	
Electricity Grade 10			**Electrical Machines — Magnetism - Magnetic poles and magnetic force** Identified the poles of a magnet; Explained the law of magnetic poles; Related magnetic attraction and repulsion to maglev trains and magnetic toys	Master Electricity Learner's Book Grade 10 pg. 97	
Electricity Grade 10			**Electrical Machines — Magnetism - Permeability and retentivity, Magnetism - Magnetisation by stroking method** Defined permeability and retentivity; Explained the difference between temporary and permanent magnets; Connected magnetic properties to selection of materials for electric motors and generators	Master Electricity Learner's Book Grade 10 pg. 98	
Electricity Grade 10			**Electrical Machines — Magnetism - Magnetisation by induction** Explained magnetisation by induction; Demonstrated magnetisation by induction; Related induced magnetism to magnetic security tags and credit card strips	Master Electricity Learner's Book Grade 10 pg. 101	
Electricity Grade 10			**Electrical Machines — Magnetism - Magnetisation by electrical method** Explained magnetisation by electrical method; Constructed an electromagnet using a coil and iron core; Connected electrical magnetisation to electromagnets in door bells and scrapyard cranes	Master Electricity Learner's Book Grade 10 pg. 102	

GENERAL COMMENTS (IF ANY)	HEAD TEACHER	DATE