GRADE 10 ELECTRICITY TERM 3 RECORDS OF WORK – DISTINCTION

Week 1

TERM	WEEK	DATES	MON	TUE	WED	THU	FRI
Term 3	1						

SUBJECT & GRADE	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE / MAIN BOOK AND ITS PAGES	REMARKS
Grade 10 Electricity			**Electronics - Semiconductor Diodes (Operation of a Semiconductor Diode):** Defined semiconductor diodes and identified anode and cathode terminals; discussed unidirectional current flow in biased diodes. Assessed via oral questions and observation.	Distinction Electricity, pg 179	
Grade 10 Electricity			**Electronics - Semiconductor Diodes (Operation of a Semiconductor Diode):** Examined the operational principles of semiconductor diodes and explored their role in AC to DC conversion. Assessed via oral questions and observation.	Distinction Electricity, pg 179	
Grade 10 Electricity			**Electronics - Semiconductor Diodes (Forward and Reverse Biasing):** Drew forward and reverse bias circuit diagrams; analyzed depletion layer behaviour and electron-hole recombination. Assessed via oral questions and written assignments.	Distinction Electricity, pg 180	
Grade 10 Electricity			**Electronics - Semiconductor Diodes (Forward and Reverse Biasing):** Investigated switching	Distinction Electricity, pg 180	