Mapping of RBT Objectives: Work Sheet

General Objective Lesson plan reference	Introduce the concepts of ideal Diode and equivalent linear circuit , to analyze Critically the characteristics of ideal Diode and a practical diode, and demonstrate the operation of a device .			
Cognition process	**Elements of Learning Objectives**			
	Objective 1	Objective2	Objective 3	Objective 4
1. Remember — Recognizing (F)	Diode,triode,etc,anode, cathode, Diode symbols, Construction features of Diodes, reversed and forward biasing, Semi conductor numbers,			
Recalling (F)	Methods of emission, Semiconductors, Vaccum tubes, linearizing, dynamic resistance			
2. Understanding — Interpreting				
Exemplifying				
Classifying	3 main types of diodes (C)			
Summarizing				
Inferring				
Comparing		Comparing practical Diode with ideal diode(C)		

	Explaining	Childs Law (C)	Linearising a non -linear device(C)		
3. Apply	Executing				
	Implementing				
4. Analyze	Differentiating	Advantages & Disadvantages of semi conductor diodes Vs tube diodes (C)			
	Organizing				
	Attributing				
5. Evaluate	Checking				
	Critiquing				
6. Create	Generating			Draw the V-I characteristics of silicon & germanium diodes (P)	
	Planning				

	Producing			

Remarks:

Text book Ref: Electronic Devices and Circuits by Allen Mottershead, Chapter I