Scheme of Learning: Mains electricity											
Topic Seque	nce:	Jahan	1-			TO					
1	2	-3-	4	5	6	7	8	9	10	11	
Organisation	Electric Circuits	Chemical Changes	Mains Electricity	Quantitative Chemistry	Using Resources	Electro- Magnetism	Homeostasis & Response	Energy Changes	Ecology	Waves	
		- A	V	n)		X /	TA.	-/		0 \	
Topic Overvi	ew:			-M/M	X		-9		7"\		
sound, info	rmation and f the 19th cricity this m	d entertainm entury. How	ent, remote ever, power	e sensing ar stations, li	nd control. Th ke all machin	e fundamen es, have a lir	lls the moder tals of electro mited lifetime what mix of p	omagnetism . If we all co	were work ontinue to d	ed out by emand	
	54			/ -		. 3 7/2	< - (	) ) <u> </u>		- A	
Lesson Sequ	ence:		[ 67]			7/7/				N.	
lots of calcu This is then	llation pract all linked to ientists the	tise covered ogether by lo	here. ooking at the	e transporta	ation of electr	icity around	lae that need I the country i g how it is ger	in the Natio	nal Grid.		
Commonos of	Locoppo		Ge-	Dogguera	<u> </u>				- 6	6 1 -	
<b>Sequence of 1</b> A.C./D		7/4.6		Resource 1		Edison vs T	esla, lesson s	:ummarv w	orksheet	- 7A	
		- 6/7							OTRITICEL		
	3-pin plug Plug safety				Plug wiring kits, plug diagram, plug worksheet  Worksheet – GCSE question practise; fuse wire demonstration						
	Power mid-topic assessment				Vorksheets – P=IV, P=I2R, mid-topic assessment						
	Work done						=Pt, all power formula practise				
	The National Grid				Worksheet – the National Grid; card sort - NG						
		arate physic	s only		Balloon, pepper, rods and cloths						
					Van der Graaff or force levitator						
9 Revision 9 n/a								1			
10 Test			V	<b>10</b> n	/a	- X					
À		, 1			2	" '			/, " <		

## **Supportive Reading:**

**Comprehension activity** 

Assessment:

TBC

Multiple choice and short answer questions.

Knowledge: **Application of Knowledge:** Exam questions based on the skill of calculate