Tania 0					0	17	1/10				
Topic Seque				-	6	1 1	0-4 -	9	10	44	
1111	2	3	4	5	~//		8		10	11	
Organisation	Electric Circuits	Chemical Changes	Mains Electricity	Quantitative Chemistry	Using Resources	Electro- Magnetism	Homeostasis & Response	Energy Changes	Ecology	Waves	
170				2	36	8-0	217	>	_	2	
Topic Overvi	w:	/			18	// b	5 (1/11)		//>/		
the breakin those that the that are use electricity. (substances lesson Sequential This topic be reactions as	g and forma ake in therr d in a range Cells and ba and is a use Cellce: Cegins with a exothermi	ation of bond mal energy a e of everyda tteries use t iful means of a practical in c or endothe	ds. Reactions re endother y application hese chemic f producing of	s in which en mic. These ir ns. Some inte al reactions elements tha	ergy is relea nteractions eractions be to provide e at are too ex ture change	ssed to the s between par tween ions in electricity. Ele pensive to e	icles often in urroundings ticles can pro n an electroly ectricity can a xtract any ot during chem aphical form	are exother oduce heating te result in also be used her way.	mic reaction ng or cooling the product I to decompo	s, while effects on of ose ionic	
a -	the bond er) (look at chem	nical and fuel	cells by des	scribing how	they work ar	nd evaluatin	g their use.	900	
Sequence of	Lessons:	-	0-0-0		Reso	urces:				900	
1 Exothe 2 Require 3 Require 4 Energy	Exothermic & Endothermic Reactions Required Practical: temperature change Required Practical Write Up Mid-topic assessment Energy Profiles & Bond Energy Calculations					Demo: Barium hydroxide + Ammonium chloride, block of wood, gloves. Class Practical: calcium chloride, sodium bicarbonate solution, citric acid, hydrochloric acid, sodium hydroxide, sulphuric acid, magnesium strips (3cm), magnesium powder, copper sulphate solution					
5 Chemical & Fuel Cells (Separate Chemistry Only)											
6 Revision					3	Exam Qs					
7 Test					_ 4	n/a					
					5	Lemons Mg Fe Cu 7n strips voltmeters (or mulitmeter)					
					6	Resources in shared folder					
					CLU	Test in share	ed area folde	r			
			34	写0		<i>y</i>	U				
Supportive	Readina:	15-75-	-0			m		0			
ГВС	g-					n. 6	11		V 1		
0-(<i>></i> 0	_\J_	X		0		U) 0-	()-o	1	17	
Assessmen	l:							0			
(nowledge:	nowledge: Multiple choice and short a					questions.					
Application of Knowledge: Exam questions based on t							ethod'				
W	7	0.0	ممو		~	00	W	~	7	مومود	

Scheme of Learning: Energy Changes