Scheme	of Learning: Elem	ents and T	he Periodic Tab	le			A	9		0 0	
Topic Se	quence:			n	X	2//	1115-0	b-O	0-0		
1	2	3	74	5 Elements and the Periodic Table		6	7 Health and Human Body	8 Chemical Reactions	9 Electricity and Magnetism	10 Reproduction	
Lab Skill	Particles and Separation Techniques	Forces	Cells and Organisation			Energy					
Topic Ov	verview:					200		MC			
<ul> <li>Diffe</li> <li>Chei</li> <li>The</li> <li>The</li> <li>The</li> <li>How</li> <li>The</li> <li>The</li> </ul> We starto identification	ional curriculumerences between mical symbols an concept of a purvarying physical principles under Periodic Table: properties of mechemical proper chemical proper twith an introductify differences in	atoms, elad formula e substandand chem pinning the periods and etions can etals and naties of me	ements and contents and contents and contents and properties and groups; metals and non-metals and non-metals and non-metals and non-metals and contents and cont	ompour is and consistency of difference in the consistency of the cons	erent Tabl non-n erenc des w	elements. e. netals. e to the Perith respect	t to acidity.				
E	d patterns found	l in groups	1,7 and 0 in i	177		0	0 =	4			
Sequence of Lessons:					Resources:						
33/2	he Periodic Table			_ 1	Print table for pupils to complete						
6.3	Uses of Elements				Info slides for elements in prep room drawers, squares of plain paper  Print table for pupils to complete. Selection of metals (Mg, Al, Zn, cobalt, nickel etc), 1 basic electrical circuit set up (bulb, ammeter, wires, battery), tray of water, set of bar magnets						
10	<ul> <li>Development of The Periodic Table</li> <li>Compounds and Mixtures</li> <li>Pure an Impure Substances</li> <li>Group 1 Elements</li> </ul>										
1111											
					Print timeline slide and pictures to cut and stick slide. Both on A3.						
In l	8 Group 7 Elements				Print worksheet for pupils to complete. Possible demo sandy water, sieve, filter paper, funnel.  Print graph worksheet. Salt water and pure water (for use with Bunsen burners and thermometers).  Demo: Li, Na, K in water trough, UI.						
11 11	• Revision										
				//// T							
				8	None						
				9	None						
				10	Revision						
A FAIL					Assessment sheets in shared folder.						
					ASS	essinent Sr	ieets in share	a loider.	- 1		
Support	ive Reading:	1111						X	1	WW /	
Comprehension activity TBC											
· //			1	7.9	2.		0		//		
Assessi				de.	M	0	0		0		
Knowled	ye:		Multiple choic	e questio	ns.						

Compare the trends and uses of group 7 and group 1 elements.

**Application of Knowledge:**