Scheme of Learning: Chemical Reactions										
Topic Sequence:										
	1 2	3	47	5	6	16	8	9	P 10	
Lab S	Particle: Skills Separa Technic	tion Force:	s Cells and Organisation	Elements and the Periodic Table	Energy	Health and Human Body	Chemical Reactions	Electricity and Magnetism	Reproduction	
Tonic Quantity										
Topic Overview:										
The national curriculum requires that we teach the following: Chemical reactions as the rearrangement of atoms Representing chemical reactions using formulae and using equations Combustion, thermal decomposition, Oxidation and endo and exothermic reactions										
Lance	n Sequence:	77	16			000	0	- 75	7	
We start with an introduction to physical and chemical changes. We build on this knowledge to look at word and chemical equations, which is then linked with the conservation of mass. Finally we learn a range of chemical reactions (endo and exothermic, combustion, oxidation, thermal decomposition).										
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Sequence of Lessons: Resources:										
2 V	Physical and Chemical change Word equations				1 filir	Zinc, Copper sulphate, Magnesium, Iron sulphate, Iron filings, Hydrochloric acid, Sodium bicarbonate, Vinegar, Sodium hydroxide				
4 E	Conservation of mass Exo and Endothermic reactions Combustion					Iron, Copper sulphate, Zinc, Silver nitrate, Hydrochloric acid, Demo: Sulphur, Oxygen, Lithium with water				
6 T	Thermal decomposition					Magnesium, Pan-balance				
						Magnesium, Hydrochloric acid, Potassium nitrate, Sodium carbonate, Sodium hydroxide, Calcium chloride, Ammonium nitrate				
						Candles, plasticine and different size beakers and Demo : combustion apparatus				
					n	Demo: Copper carbonate, Zinc carbonate, Calcium carbonate, Limewater				
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Supportive Reading:										
Comp	rehension activi	ty	ТВС							
	1	3_0		2	0		1	7.5		
Assessment:			102							
Knowl	edge:		Multiple choic	Multiple choice questions.						
Applic	ation of Knowle	lge:	Compare the	Compare the combustion reaction with the thermal decomposition reaction						