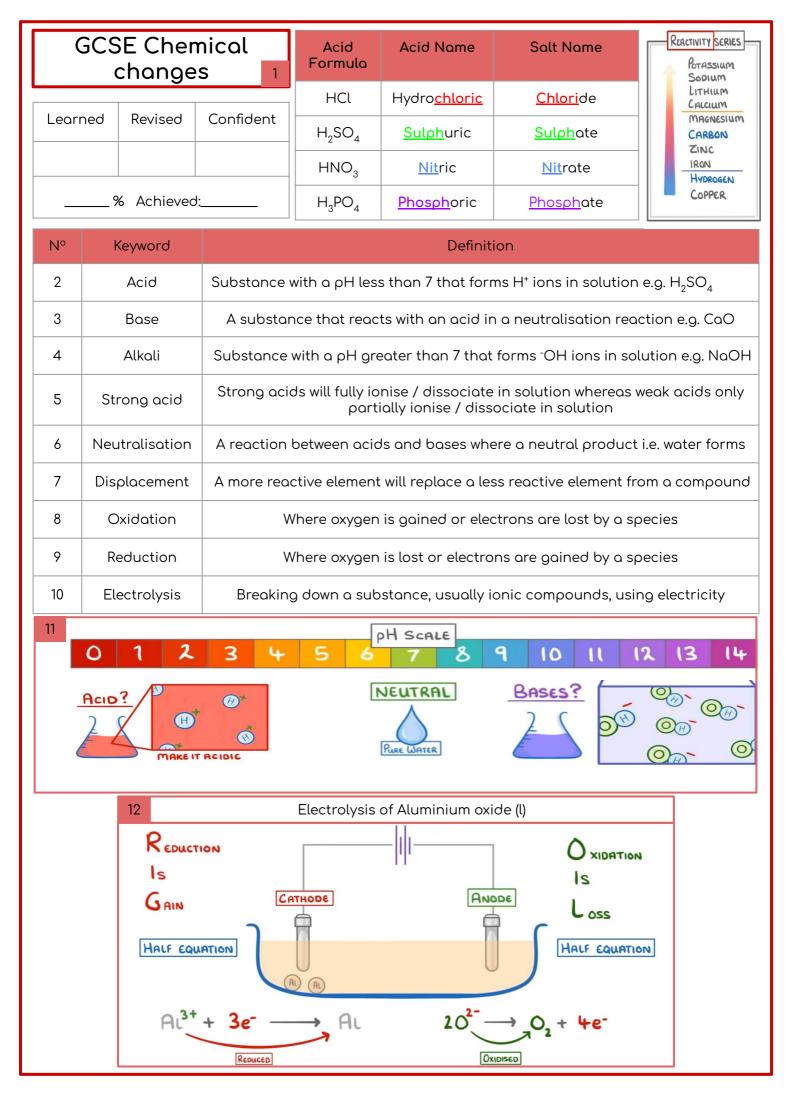
Biology

GCSE Bioenergetics			1
Learned	Revised	Confident	Starch present
			No starch present
9	% Achieved	J:	

Nocv	Keyword	Definition						
2	Aerobic	Respiration that involves the use of oxygen to transfer energy.						
3	Anaerobic	Respiration that takes place without oxygen to transfer energy.						
4	Fermentation	The process of breaking down sugars by anaerobic respiration in bacteria or yeast.						
5	Metabolism	The sum of all the reactions in the cell or body. This is controlled by enzymes						
6	Oxygen debt	The amount of extra oxygen the body needs after exercise to react with the accumulated lactic acid and remove it from the cells.						
7	Photosynthesis	An endothermic reaction in which energy is transferred from the environment to chloroplasts by light.						
8	Respiration	A chemical reaction that breaks down glucose to release energy.						
Nocv	N ^{ocv} Facts Definition							
9	Factors affecting the rate of photosynthesis: Carbon dioxide, Temperature, Light intensity							
10	Plants use glucose for: Respiration, Making cellulose, Making amino acids, Converted and stored as lipids (fats), Converted and stored as starch, Stored as sucrose and other sugars in fruits.							
11	Aerobic respiration Glucose + Oxygen → Carbon dioxide + Water + Energy							
12	Anaerobic respiration Glucose → Lactic acid + Energy							
13	Fermentation Glucose → Ethanol + Carbon dioxide + Energy							
14	¹⁴ Photosynthesis Carbon dioxide + Water → Glucose + Oxygen							

Chemistry



Physics

GCSE Atomic structure and radiation				re	N°	Particle	Mass	Charge	Electron		
Lec	arned	Revised	Confid	ent	1	Proton	1	+1	Proton Neutron		
					2	Neutron	1	0			
	%	6 Achieved	d:	_	3	Electron	1/2000	-1			
N°		Keyword					Defi	nition			
4	Activity			The number of nuclei of a sample that decay per second							
5	Contamination		on Ho	Has unwanted radioactive atoms on or in it							
6	На		The time it takes for the number of nuclei of a radioactive isotope in a sample to half								
7	lon			A charged particle (an atom that has gained/lost electrons)							
8	Irradiation E			Exposure to radiation							
9	lso	Isotope An element with a different number of neutrons									
	dalton 1803	J.J. THOMSON	ERNEST RUTH	ERFORD	NIELS BO	HR		A	nucleu	most alpha particles are not deflected s	
N°	Тур	e of radia	tion		ange i nucle		ng powe	er Rang	ge in air	Stopped by	
12						highest ionising power		s a few netres	stopped by a sheet of paper		
13		e ctron)	a neutron changes into a proton and an electron			high ionising power		s≈1m	stopped by a few millimetres of aluminium		
	gamma radiation (short-wavelength, hig frequency EM radiatio							virtual	lv	stopped by several	