

Session Videos for the “run in”

Please try to watch these before and/ or after each lesson

Topic	Videos	Your notes (key ideas)
Radioactive isotopes and decay equations	<ul style="list-style-type: none"> GCSE Science Revision... GCSE Physics - Nuclea... 	
Properties of radioactive decay	<ul style="list-style-type: none"> GCSE Physics - Alpha, ... 	
Half Life graphs and calculations	<ul style="list-style-type: none"> GCSE Physics - Radioa... Half Life Graph Calcul... 	
Contamination v Irradiation	<ul style="list-style-type: none"> GCSE Science Revision... 	
Collision Theory	<ul style="list-style-type: none"> GCSE Chemistry - Fact... GCSE Science Revision... 	
Measuring Rate of reaction	<ul style="list-style-type: none"> GCSE Chemistry - Rat... GCSE Chemistry - How... 	
Sodium thiosulphate concentration RP	<ul style="list-style-type: none"> Rates Of Reaction - G... 	
Catalysts	<ul style="list-style-type: none"> What Are Catalysts? ... GCSE Science Revision... 	
Reversible reactions	<ul style="list-style-type: none"> GCSE Chemistry - Rev... GCSE Science Revision... 	
Dynamic equilibrium and Le Chatelier's (H)	<ul style="list-style-type: none"> GCSE Chemistry - Le C... What Is Dynamic Equil... GCSE Science Revision... 	
Surface area and reaction rate	<ul style="list-style-type: none"> Rates Of Reaction 2 (...) 	
Photosynthesis	<ul style="list-style-type: none"> GCSE Science Revision... 	
Limiting factors	<ul style="list-style-type: none"> GCSE Science Revision... 	
Required Practical Photosynthesis	<ul style="list-style-type: none"> Rates Of Photosynthe... 	
Vectors and scalars Balanced, unbalanced	<ul style="list-style-type: none"> GCSE Science Revision... 	

resultant forces Contact and non contact	<ul style="list-style-type: none"> GCSE Physics Contact ... BBC bitesize forces - K... 	
Newtons' laws	<ul style="list-style-type: none"> Newton's Laws of Moti... GCSE Physics - Newto... GCSE Physics - Newto... 	
Resolving forces, parallelograms	<ul style="list-style-type: none"> P8 8 Parallelogram of ... 	
Speed time graphs	<ul style="list-style-type: none"> Speed-time graphs & ... GCSE Science Revision... 	
Acceleration calculation	<ul style="list-style-type: none"> GCSE Science Revision... 	
F=MA required Practical Speed of a trolley	<ul style="list-style-type: none"> AQA GCSE Science Re... 	
Motion graphs and	<ul style="list-style-type: none"> GCSE Physics - Stoppi... 	
Stopping distances	<ul style="list-style-type: none"> Stopping Distance Fo... 	
Momentum (H only)	<ul style="list-style-type: none"> GCSE Physics - Mome... 	
EM Waves	<ul style="list-style-type: none"> GCSE Science Revision... 	
Uses of EM Waves	<ul style="list-style-type: none"> GCSE Science Revision... 	
InfraRed Heat RP	<ul style="list-style-type: none"> GCSE Physics Requir... 	
Inheritance	<ul style="list-style-type: none"> GCSE Science Revision... GCSE Science Revision... GCSE Science Revision... 	
Genetic diseases	<ul style="list-style-type: none"> GCSE Science Revision... GCSE Science Revision... 	
Using the Earth's resources	<ul style="list-style-type: none"> GCSE Science Revision... 	
Potable Water	<ul style="list-style-type: none"> GCSE Science Revision... 	
Extracting metal ores (H only)	<ul style="list-style-type: none"> GCSE Science Revision... 	
Water Treatment	<ul style="list-style-type: none"> GCSE Science Revision... 	
Atmosphere evolution	<ul style="list-style-type: none"> Earth's Early Atmosph... GCSE Chemistry - Evol... 	

Atmospheric pollution	<ul style="list-style-type: none"> ▶ GCSE Chemistry - Air P... ▶ Effect of Air Pollutants... 	
Electricity Circuits and Ohm's Law	<ul style="list-style-type: none"> ▶ GCSE Physics - Intro to... ▶ GCSE Physics - $V = IR$... 	
Charge flow	<ul style="list-style-type: none"> ▶ GCSE Science Revision... 	
current potential (IV) characteristics Thermistor and Light dependent resistor	<ul style="list-style-type: none"> ▶ GCSE Physics - Compo... 	
Required practical current potential (IV) characteristics ohmic resistor, diode, filament lamp	<ul style="list-style-type: none"> ▶ Testing Components (I... ▶ GCSE Science Revision... 	
Required practical Temperature change and solutions	<ul style="list-style-type: none"> ▶ Temperature Changes... 	
Required practical electrolysis	<ul style="list-style-type: none"> ▶ AQA Required Practic... 	
Required practical Population in a habitat	<ul style="list-style-type: none"> ▶ Measuring Population ... ▶ GCSE Science Revision... 	
Required practical Distribution in a habitat	https://www.youtube.com/watch?v=sT0puEcjZns	