

# **Content**



**Pods** 



**Check & Challenge** 



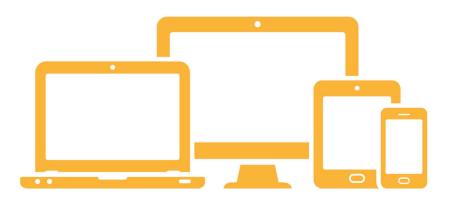
**Ready Made Assignment** 



**Additional Resources** 



**In Production** 





## **Combined Science**

### **AQA Combined Science: Trilogy**

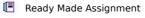
### **Getting Ready for KS4 (GCSE)**

#### **Getting Ready for KS4 (GCSE) Combined Science**

Getting Ready for KS4 (GCSE)	GRF-01-001		
Importance of Diet	BIOL-2001	$\triangleright$	
The Periodic Table	CHEM-2008		
Representing Chemical Reactions	CHEM-2017		
Photosynthesis	BIOL-2087		
Diffusion and Active Transport	BIOL-2105		
Cell Differentiation	BIOL-2191		
Menstruation	BIOL-2249		
Reproduction in plants	BIOL-2236		
Aerobic Respiration	BIOL-2167		
Anaerobic Respiration	BIOL-2168		
Cell Structures and Microscopes	BIOL-2192		
Speciation	BIOL-2229		
Variation	BIOL-2050		
Competition	BIOL-2011		
The Digestive System	BIOL-2188		
Carbon Cycle	BIOL-2084		
Products of Photosynthesis	BIOL-2089		
Human reproduction	BIOL-2234		
Fertilisation and germination	BIOL-2238		
Solubility	CHEM-2126		
Gas Exchange in Humans	BIOL-2172		
States of matter	CHEM-2150		
Separation Methods	CHEM-2089		
Chromatography	CHEM-2086		
Combining Elements	CHEM-2013		









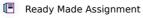


Diffusion	CHEM-2153		
Elements in the Periodic Table	CHEM-2007		
Atomic Structure	CHEM-2010		
Acid metal reactions	CHEM-2145		
Making Salts	CHEM-2104		
The Atmosphere: Past and Present	CHEM-2054		
Chemical Reactions	CHEM-2016		
Gas Exchange In Plants	BIOL-2110		
Acids and Bases	CHEM-2101		
Processes that Change the Atmosphere	CHEM-2057		
Speed	PHYS-2110		
Traditional Extraction Methods	CHEM-2025		
Displacement	CHEM-2031		
Distance/Time Graphs	PHYS-2105		
Climate Change	CHEM-2039		
Magnetic Fields	PHYS-2053		
Newton's Second Law	PHYS-2106		
Acceleration	PHYS-2104		
Lab measurements	CHEM-2155		
Hooke's Law	PHYS-2099		
Series & Parallel Circuits	PHYS-2025		
Gas Pressure	PHYS-2098	$\triangleright$	
Circuit symbols	PHYS-2030		
Resultant Forces	PHYS-2109		
Investigating the Factors Affecting the Rate of Photosynthesis	BIOL-40-003		
Investigating the Densities of Solids and Liquids	PHYS-28-002	$\triangleright$	
History of the Periodic Table	CHEM-2014		
Evidence for Human Evolution	BIOL-2021		
Discovery of the Structure of the Atom	CHEM-2009		
Investigation into Variation in Organisms	BIOL-40-017		
Scientific Method	SCI-MAT-001		
Elements and compounds	CHEM-2151		













### 4.1/Cell biology

#### 4.1.2/Cell division

Growth and Multicellular Organisms	BIOL-2194		$\bigcirc$	
Stem Cell Technology	BIOL-2212			
Stem Cells (Part 2)	BIOL-2015			
The Cell Cycle	BIOL-2003			
Mitosis	BIOL-2004			
Stem Cells	BIOL-2014			
4.1.3/Transport in cells				
Diffusion and Active Transport	BIOL-2105			
Gas Exchange in Humans	BIOL-2172			
Osmosis	BIOL-2092	$\triangleright$	$\bigcirc$	
Surface-Area-To-Volume Ratio	BIOL-2109			
4.1.1/Cell structure				
Cell Differentiation	BIOL-2191			
Unspecialised Plant Cells	BIOL-2113	$\triangleright$		

### 4.2/Organisation

### 4.2.2/Animal tissues, organs and organ systems

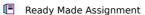
Cell Structures and Microscopes

Importance of Diet	BIOL-2001		
Digestive Enzymes	BIOL-2176		
What is Blood?	BIOL-2180		
Lock-and-Key Hypothesis	BIOL-2175		
Enzymes	BIOL-2174		
The Circulatory System	BIOL-2184		
Heart Disease and Risk Factors	BIOL-2183		
Pacemaker	BIOL-2186	$\bigcirc$	
Disease Transmission	BIOL-2044		
Infection	BIOL-2073		
Smoking	BIOL-2063		
Alcohol Abuse	BIOL-2064		

Symbol Keys

Pods **%** In production







BIOL-2192 ▷ ♥ 🗉



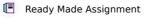


	Cancer	BIOL-2217		$\bigcirc$	
	The Circulatory System (Part 2)	BIOL-2185	$\triangleright$	$\bigcirc$	
	4.2.3/Plant tissues, organs and systems				
	Plant Organs	BIOL-2106	$\triangleright$	$\bigcirc$	
	Transpiration	BIOL-2091	$\triangleright$	$\bigcirc$	
	Plant Structures	BIOL-2111	$\triangleright$	$\bigcirc$	
	Plant Minerals	BIOL-2126	$\triangleright$		
4.3	3/Infection and response				
	4.3.1/Communicable diseases				
	Viruses	BIOL-2043	$\triangleright$	$\bigcirc$	
	Disease Prevention	BIOL-2045	$\triangleright$	$\bigcirc$	
	The Immune Response	BIOL-2069	$\triangleright$	$\bigcirc$	
	Sexually transmitted infections	BIOL-2250	$\triangleright$	$\bigcirc$	
	Body Defence	BIOL-2068	$\triangleright$	$\bigcirc$	
	Vaccines	BIOL-2072	$\triangleright$	$\bigcirc$	
	Immunisation	BIOL-2016	$\triangleright$	$\bigcirc$	
	Immunisation Programmes	BIOL-2017	$\triangleright$	$\bigcirc$	
	Antimicrobials and Antibiotics	BIOL-2070	$\triangleright$	$\bigcirc$	
	Resistance	BIOL-2071	$\triangleright$	$\bigcirc$	
	Developing New Drugs	BIOL-2066	$\triangleright$	$\bigcirc$	
	Drug Trials	BIOL-2038	$\triangleright$	$\bigcirc$	
4.4	1/Bioenergetics				
	4.4.1/Photosynthesis				
	Photosynthesis	BIOL-2087	$\triangleright$	$\bigcirc$	
	Plant growth	BIOL-2252	$\triangleright$	$\bigcirc$	
	Products of Photosynthesis	BIOL-2089	$\triangleright$	$\bigcirc$	
	Limiting Factors	BIOL-2090	$\triangleright$	$\bigcirc$	
	Gas Exchange In Plants	BIOL-2110		$\bigcirc$	
	4.4.2/Respiration				
	Respiration	BIOL-2166	$\triangleright$	$\bigcirc$	

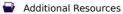
















Aerobic Respiration	BIOL-2167	$\bigcirc$	
Anaerobic Respiration	BIOL-2168		
Using Energy from Respiration	BIOL-2170		
Cell Metabolism	BIOL-2159		

#### 4.5/Homeostasis and response

#### 4.5.1/Homeostasis

Homeostasis BIOL-2006 ▷	
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#### 4.5.3/Hormonal coordination in humans

Type 1 Diabetes	BIOL-2008		
Type 2 Diabetes	BIOL-2009		
Hormones	BIOL-2139		
Controlling Fertility	BIOL-2141		
Human reproduction	BIOL-2234		

4.3.2/The number vous system			
The Central Nervous System	BIOL-2148		
Synapses	BIOL-2151		
Receptors and Effectors	BIOL-2157		
The Reflex Arc	BIOL-2149		
Reflexes	BIOL-2154	$\bigcirc$	

### 4.6/Inheritance, variation and evolution

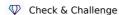
#### 4.6.3/The development of understanding of genetics and evolution

Darwin's Theory of Evolution (Part 2)	BIOL-2048	
Evidence for Human Evolution	BIOL-2021	
The Fossil Record	BIOL-2051	
Extinction	BIOL-2012	
Bacteria	BIOL-2041	
Darwin's Theory of Evolution	BIOL-2047	
Natural Selection	BIOL-2049	

### 4.6.1/Reproduction



Pods **%** In production

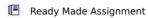




	Genes	BIOL-2052			
	Reproduction in plants	BIOL-2236	$\triangleright$	$\bigcirc$	
	Sperm and egg	BIOL-2235		$\bigcirc$	
	Pollination	BIOL-2237	$\triangleright$	$\bigcirc$	
	Meiosis	BIOL-2005	$\triangleright$	$\bigcirc$	
	Alleles	BIOL-2053	$\triangleright$	$\bigcirc$	
	Sex Inheritance	BIOL-2055			
	Genetic Disorders	BIOL-2031	$\triangleright$	$\bigcirc$	
	Genetic Testing	BIOL-2036	$\triangleright$		
	Fetal Screening	BIOL-2147		$\bigcirc$	
	Monohybrid Inheritance	BIOL-2057	$\triangleright$		
	Fertilisation and germination	BIOL-2238		$\bigcirc$	
	4.6.2/Variation and evolution				
	Genetic Engineering	BIOL-2027			
	Selective breeding	BIOL-2242			
	Arguments For and Against GM	BIOL-2028			
	Cloning (Animals)	BIOL-2030			
	Speciation	BIOL-2229			
	Variation	BIOL-2050			
	4.6.4/Classification of living organisms				
	The Five Kingdoms	BIOL-2135			
	Why do we Classify? And what is a Species?	BIOL-2137			
4.	7/Ecology				
	4.7.1/Adaptations, interdependence and competition				
	Maintaining Ecosystems and Preventing Ecosystem Loss	BIOL-2115			
	Extreme Conditions	BIOL-2103		$\bigcirc$	
	Adaptations	BIOL-2046			
	Competition	BIOL-2011		$\bigcirc$	
	4.7.3/Biodiversity and the effect of human interaction on ecosystems				
	Global Population Change	BIOL-2013			
	C.C. S. I. Opalacion Change	2.02.2013	-	•	_

▶ Pods ※ In production







Additional Resources



What Is Biodiversity?	BIOL-2075			
Waste from Human Activities	BIOL-2118		$\bigcirc$	
Deforestation & Peat Removal	BIOL-2119			
Global Pollution	BIOL-2123			
The greenhouse effect	BIOL-2243			
4.7.2/Organisation of an ecosystem				
Carbon Cycle	BIOL-2084			
Food chains and webs	BIOL-2251			
The water cycle	BIOL-2233			
How to do Fieldwork	BIOL-2107	$\triangleright$	$\bigcirc$	
1/Atomic structure and the periodic table				
5.1.2/The periodic table				
The Periodic Table	CHEM-2008			
History of the Periodic Table	CHEM-2014			
Group 1: Alkali Metals	CHEM-2001			
Reactivity in Group 1	CHEM-2002			
Group 7: The Halogens	CHEM-2004			
Reactivity in Group 7	CHEM-2005			
The Noble Gases	CHEM-2006			
5.1.1/A simple model of the atom, symbols, relative atomic mass, electronic charge and isotopes				
Atomic Structure	CHEM-2010			
Representing Chemical Reactions	CHEM-2017			
Elements and compounds	CHEM-2151			
Combining Elements	CHEM-2013			
Electronic Structure	CHEM-2012			
Separation Methods	CHEM-2089		$\bigcirc$	
Isotopes and Relative Atomic Mass	CHEM-2070			
Discovery of the Structure of the Atom	CHEM-2009	$\triangleright$		
Subatomic Particles	CHEM-2011		$\bigcirc$	





CHEM-2007 ▷ ♥ ■



5.

Elements in the Periodic Table



#### 5.2/Bonding, structure, and the properties of matter

#### 5.2.1/Chemical bonds, ionic, covalent and metallic

lonic bonding	CHEM-2060			
Ionic Compounds	CHEM-2062			
Formula of Ionic Compounds	CHEM-2061			
Covalent Bonding	CHEM-2063			
Metallic Bonding	CHEM-2064			
Simple & Giant Covalent Substances	CHEM-2065	$\triangleright$	$\bigcirc$	
5.2.3/Structure and bonding of carbon				
Allotropes of Carbon	CHEM-2066			

#### 5.2.2/How bonding and structure are related to the properties of substances

States of matter	CHEM-2150		
Properties of metals	CHEM-2158		

### 5.3/Quantitative chemistry

#### 5.3.1/Chemical measurements, conservation of mass and the quantitative interpretation of chemical equations

Atoms and Formula	CHEM-2015		
Relative Formula Mass and Percentage By	CHEM-2071	$\triangleright$	

#### 5.3.2/Use of amount of substance in relation to masses of pure substances

Reacting Masses	CHEM-2139		$\bigcirc$	
Moles	CHEM-2073	$\triangleright$		
Empirical Formulae	CHEM-2072			
Concentration and Solutions	CHEM-2074			
Chemical Reactions	CHEM-2016			

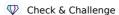
### 5.4/Chemical changes

#### 5.4.2/Reactions of acids

Acids and Bases CHE	M-2101 D	$\bigcirc$	
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Symbol Keys

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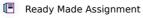






	Neutralisation	CHEM-2103			
	Making Salts	CHEM-2104			
	Salt	CHEM-2018	$\triangleright$		
	Alkalis	CHEM-2102			
	Strong & Weak Acids	CHEM-2124			
	Acid metal reactions	CHEM-2145		$\bigcirc$	
	5.4.3/Electrolysis				
	Electrolysis	CHEM-2095			
	Events at the Electrodes	CHEM-2096			
	Uses Of Electrolysis	CHEM-2100	$\triangleright$	$\bigcirc$	
	5.4.1/Reactivity of metals				
	Metals & Ores	CHEM-2024			
	Oxides	CHEM-2148			
	Traditional Extraction Methods	CHEM-2025			
	Displacement	CHEM-2031			
	Redox	CHEM-2128		$\bigcirc$	
5.	5/Energy changes				
	5.5.1/Exothermic and endothermic reactions				
	Exothermic & Endothermic Reactions	CHEM-2081			
	Measuring Energy Changes	CHEM-2083			
	Bond breaking & bond making	CHEM-2082	$\triangleright$		
	Calculations Using Bond Energies	CHEM-2137		$\bigcirc$	
5.	6/The rate and extent of chemical change				
	5.6.1/Rate of reaction				
	Effect of Concentration and Pressure	CHEM-2078			
	Interpreting Rate Graphs	CHEM-2136			
	Effect of Temperature & Surface Area	CHEM-2079		$\bigcirc$	
	Measuring Reaction Rates	CHEM-2138	$\triangleright$	$\bigcirc$	
	Rates Of Reaction & Collision Theory	CHEM-2077		$\bigcirc$	
	Catalysts	CHEM-2080		$\bigcirc$	









# 5.6.2/Reversible reactions and dynamic equilibrium

Reversible Reactions & Equilibria	CHEM-2084	$\bigcirc$	
Choosing the Reaction Conditions	CHEM-2106		

#### 5.7/Organic chemistry

# **5.7.1/Carbon compounds as fuels and feedstock**

Crude Oil	CHEM-2032		
Alkanes	CHEM-2033		
Fuels	CHEM-2034		
Complete and Incomplete Combustion	CHEM-2035		

#### 5.8/Chemical analysis

# 5.8.1/Purity, formulations and chromatography

Chromatography CHEM-208	36 D	
Cili Ciliacogi apily		

#### 5.9/Chemistry of the atmosphere

# **5.9.3/Common atmospheric pollutants and their sources**

Pollution	CHEM-2037	
Environmental Impact of Burning Hydrocarbons	CHEM-2036	

# 5.9.2/Carbon dioxide and methane as greenhouse gases

Processes that Change the Atmosphere	CHEM-2057		
Climate Change	CHEM-2039		

# 5.9.1/The composition and evolution of the Earth's atmosphere

The Atmosphere: Past and Present	CHEM-2054			
The Admosphere Last and Tresent	0	•	•	

#### 5.10/Using resources

# **5.10.1/Using the Earth's resources and obtaining potable water**

Testing for water	CHEM-2146	$\bigcirc$
Purifying Water	CHEM-2120	

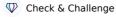




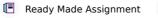
	New Ways of Extracting Copper	CHEM-2026		$\bigcirc$	
	5.10.2/Life cycle assessment and recycling				
	Reducing Pollution	CHEM-2038			
	Recycling metals	CHEM-2160			
6.	1/Energy				
	6.1.2/Conservation and dissipation of energy				
	Energy Stores and Transfers	PHYS-29-001			
	Efficiency	PHYS-29-002			
	Insulation	PHYS-2091		$\bigcirc$	
	6.1.1/Energy changes in a system, and the ways energy is stored before and after such changes				
	What is Energy?	PHYS-29-005			
	Elastic Potential Energy	PHYS-29-003			
	Gravitational Potential Energy	PHYS-2083			
	Power	PHYS-29-004	$\triangleright$	$\bigcirc$	
6.	2/Electricity				
	6.2.4/Energy transfers				
	Power of an Electrical Device	PHYS-2064			
	Energy Transfers in the Home	PHYS-2074			
	Power in the National Grid	PHYS-2063			
	Transformers in the National Grid	PHYS-2056		$\bigcirc$	
	<b>6.2.1/Current, potential difference and resistance</b>				
	Circuit symbols	PHYS-2030			
	Ohm's Law	PHYS-2023			
	Voltage	PHYS-2027		$\bigcirc$	
	I & V Graphs	PHYS-2026		$\bigcirc$	
	Resistors	PHYS-2035	$\triangleright$	$\bigcirc$	
	Factors Affecting Resistance	PHYS-2022		$\bigcirc$	

Symbol Keys ▶ Pods











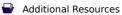
	Thermistors	PHYS-2036	$\triangleright$		
	Light-Dependent Resistors	PHYS-2031			
	LEDs & Diodes	PHYS-2032	$\triangleright$		
	Bulbs	PHYS-2028			
	6.2.2/Series and parallel circuits				
	Series & Parallel Circuits	PHYS-2025			
	Resistor Combinations	PHYS-2024			
	6.2.3/Domestic uses and safety				
	AC/DC and Rectifiers	PHYS-2057			
	Residual Current Devices	PHYS-2065			
	Batteries & cells	PHYS-2058			
	Plugs	PHYS-2062			
	Fuses	PHYS-2061			
	Insulation	PHYS-2060			
6.	3/Particle model of matter				
	6.3.2/Internal energy and energy transfers				
		PHYS-2090	$\triangleright$		
	transfers	PHYS-2090 PHYS-2093			
	transfers Heat & Temperature				
	transfers Heat & Temperature Specific Heat Capacity	PHYS-2093		$\bigcirc$	
	transfers Heat & Temperature Specific Heat Capacity Specific Latent Heat	PHYS-2093		$\bigcirc$	
	transfers  Heat & Temperature  Specific Heat Capacity  Specific Latent Heat  6.3.3/Particle model and pressure	PHYS-2093 PHYS-2095		$\bigcirc$	
	transfers  Heat & Temperature  Specific Heat Capacity  Specific Latent Heat  6.3.3/Particle model and pressure  Kinetic Theory  6.3.1/Changes of state and the particle	PHYS-2093 PHYS-2095		♥	
	transfers  Heat & Temperature  Specific Heat Capacity  Specific Latent Heat  6.3.3/Particle model and pressure  Kinetic Theory  6.3.1/Changes of state and the particle model	PHYS-2093 PHYS-2095 PHYS-2092			
	transfers  Heat & Temperature  Specific Heat Capacity  Specific Latent Heat  6.3.3/Particle model and pressure  Kinetic Theory  6.3.1/Changes of state and the particle model  Density	PHYS-2093 PHYS-2095 PHYS-2092			
6.	Heat & Temperature Specific Heat Capacity Specific Latent Heat  6.3.3/Particle model and pressure Kinetic Theory  6.3.1/Changes of state and the particle model Density Changes of state	PHYS-2093 PHYS-2095 PHYS-2092 PHYS-2210 PHYS-2211			
6.	Heat & Temperature Specific Heat Capacity Specific Latent Heat  6.3.3/Particle model and pressure Kinetic Theory  6.3.1/Changes of state and the particle model Density Changes of state States of matter	PHYS-2093 PHYS-2095 PHYS-2092 PHYS-2210 PHYS-2211			
6.	Heat & Temperature Specific Heat Capacity Specific Latent Heat  6.3.3/Particle model and pressure Kinetic Theory  6.3.1/Changes of state and the particle model Density Changes of state States of matter	PHYS-2093 PHYS-2095 PHYS-2092 PHYS-2210 PHYS-2211			
6.	Heat & Temperature Specific Heat Capacity Specific Latent Heat  6.3.3/Particle model and pressure Kinetic Theory  6.3.1/Changes of state and the particle model Density Changes of state States of matter  4/Atomic structure  6.4.2/Atoms and nuclear radiation	PHYS-2093 PHYS-2095 PHYS-2092 PHYS-2210 PHYS-2211 PHYS-2214			













Ionising & Detecting Radiation	PHYS-2149	$\triangleright$	$\bigcirc$	
Gamma Rays	PHYS-2147			
Nuclear Reactions	PHYS-2154	$\triangleright$		
Half-life	PHYS-2148			
Radioactive Decay, Transmutation & Randomness	PHYS-2150	$\triangleright$		
Dangers of Radioactivity	PHYS-2146		$\bigcirc$	
6.4.1/Atoms and isotopes				
The Atom	PHYS-2161			
Protons, Neutrons & Quarks	PHYS-2160			
Isotopes and the Periodic Table	PHYS-2158			
History	PHYS-2157	$\triangleright$	$\bigcirc$	
.5/Forces				
6.5.3/Forces and elasticity				
Elastic Potential Energy	PHYS-2097			
Hooke's Law	PHYS-2099		$\bigcirc$	
6.5.4/Forces and motion				
Acceleration	PHYS-2104	$\triangleright$	$\bigcirc$	
Newton's Second Law	PHYS-2106		$\bigcirc$	
Newton's Second Law in Impacts	PHYS-2120		$\bigcirc$	
Stopping Distance	PHYS-2126			
Thinking Distance	PHYS-2128			
Braking Distance	PHYS-2122			
Speed	PHYS-2110	$\triangleright$		
Distance/Time Graphs	PHYS-2105	$\triangleright$	$\bigcirc$	
6.5.1/Forces and their interactions				
Vectors & Scalars	PHYS-2112			
Resultant Forces	PHYS-2109	$\triangleright$	$\bigcirc$	
6.5.5/Momentum				
Momentum	PHYS-2117			
Momentum & Collisions	PHYS-2119			





**educationdemand** 





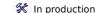
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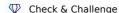


#### 6.5.2/Work done and energy transfer Work Done PHYS-2129 Work Done (Part 2) PHYS-2087 6.6/Waves 6.6.2/Electromagnetic waves PHYS-2167 ▷ ♥ ■ Wireless Signals Infrared PHYS-2169 Radio Waves PHYS-2172 Ultraviolet Light PHYS-2174 X-rays PHYS-2176 Frequency of a Wave PHYS-2202 Microwaves PHYS-2170 PHYS-2207 ▷ ♥ • Wavelength of a Wave Visible Light PHYS-2175 Gamma Radiation PHYS-2168 The Effect Of Wavelength PHYS-2171 Refraction PHYS-2181 6.6.1/Waves in air, fluids and solids Wavelength and the Wave Formula PHYS-2173 ▷ ♥ ■ PHYS-2185 ▷ ♥ ■ Types of Wave 6.7/Magnetism and electromagnetism 6.7.2/The motor effect PHYS-2049 ▷ 🗉 Electromagnets and Solenoids PHYS-2052 ▷ 🗉 Left Hand Rule and Right Hand Rule 6.7.1/Permanent and induced magnetism, magnetic forces and fields Magnetic Fields PHYS-2053 ▷ ♥ ■ **Biology Practicals Biology Practicals**

Symbol Keys

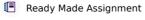
Pods





Investigate the Effect of a Range of

Concentrations of Salt or Sugar Solutions on



BIOL-40-007 ▷ ♥

the Mass of Plant Tissue



Investigate the Relationship Between Organisms and Their Environment using Field-Work Techniques	BIOL-40-004	$\triangleright  \bigcirc$
Investigating the Factors Affecting the Rate of Photosynthesis (Higher)	BIOL-40-019	$\triangleright$ $\bigcirc$
Rates of Enzyme-Controlled Reactions	BIOL-40-002	$\triangleright$ $\bigcirc$
Using a Light Microscope to Observe, Draw and Label	BIOL-40-001	$\triangleright$ $\bigcirc$
Using Qualitative Reagents to Test for a Range of Carbohydrates, Lipids and Proteins	BIOL-40-005	$\triangleright$ $\Diamond$
Investigate the Effect of a Factor on Human Reaction Time	BIOL-40-008	$\triangleright$ $\Diamond$
Investigating the Factors Affecting the Rate of Photosynthesis	BIOL-40-003	$\triangleright$ $\bigcirc$

### **Chemistry Practicals**

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Investigate How Paper Chromatography Can Be Used to Separate and Tell the Difference Between Coloured Substances	CHEM-20-007	$\triangleright$
Investigate the Variables that Affect Temperature Changes in Reacting Solutions	CHEM-20-012	$\triangleright$
Investigate What Happens When Aqueous Solutions Are Electrolysed Using Inert Electrodes	CHEM-20-003	$\triangleright$
Investigation Into Factors Affecting the Rates of Reactions	CHEM-20-002	$\triangleright$
Preparation of a Pure, Dry Sample of Salt from an Insoluble Oxide or Carbonate	CHEM-20-001	$\triangleright$
Separation of Liquids by Distillation	CHEM-20-008	$\triangleright$ $\bigcirc$

### **Physics Practicals**

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Investigating the Densities of Solids and Liquids	PHYS-28-002		$\bigcirc$
An Investigation to Find the Wavelength, Frequency and Speed of Waves in a Solid and a Liquid	PHYS-28-003	$\triangleright$	$\bigcirc$
Investigating the Current-Voltage (I-V) Characteristics of a Component	PHYS-28-004		
An Investigation to Determine the Specific Heat Capacity of One or More Materials	PHYS-28-005	$\triangleright$	
Investigate the Relationship Between Force, Mass and Acceleration by Varying the Masses Added to Trolleys and the Force Pulling the Trolley	PHYS-28-006	$\triangleright$	$\bigcirc$

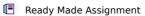
Symbol Keys





Check & Challenge









Investigate How the Amount of Infrared Radiation Emitted or Absorbed by a Surface Depends on the Nature of that Surface Investigate the Relationship Between Force and Extension for a Spring Investigating Resistance

PHYS-28-010 ▷ ♥

PHYS-28-018

PHYS-28-020









