



GCSE

Science



Personalised Learning Checklist

Name:

Set:E

Exam Board	Edexcel
Paper	1

My target grade is	
Group	

My current Grade is:	Autumn:	Spring:	Summer:
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Use this checklist before your assessment to focus your work and after to check the effectiveness of your work.

G	I am confident about this topic and I know what I need to do.
A	I am not too sure about this topic. I may need to check with my teacher and spend more time working on this topic.
R	I am not confident I could answer a question on this topic. I need to check with my teacher and ensure I have what I need to do it.

Unit	Topic Focus	R	A	G
	Biology			
B1	Cells, Genetics, Inheritance and Modification			
B2	Health, Disease and the Development of Medicine			
	Chemistry			
C1	Atoms, Compounds and States of Matter			
C2	Separating Mixtures			
	Physics			
P1	Forces, Movement and Energy			
P2	Waves and Radiation			

Therapy (Interventions)

Additional Support / Guidance

<h1>B1</h1>		How I feel about my current knowledge??		
				
B1	Cells, genetics, inheritance and modification			
B1a	Cell structure			
B1a	Core practical – Using a light microscope			
B1b	Stem cells and specialised cells			
B1c	Growth			
B1d	The nervous system			
B1e	DNA			
B1f	Inheritance			
B1g	Variation			
B1h	Evolution and Natural Selection			
B1i	Selective Breeding and Genetic Engineering			
Glossary:				

<h1>B2</h1>		How I feel about my current knowledge??		
				
B2	Health, Disease and the Development of Medicines			
B2a	Health and Disease			
B2b	Lifestyle Diseases			
B2c	Pathogens and Disease			
B2d	Spread and Control of Pathogens			
B2e	Sexually Transmitted Infections			
B2f	Protection Against Infections			
B2g	Medicines			
Glossary:				

C1		How I feel about my current knowledge??		
				
C1	Atoms, Compounds and States of Matter			
C1a	States of Matter			
C1b	Atomic Structure			
C1c	The Periodic Table			
C1d	Metals and the Periodic Table			
C1e	Ionic Bonding			
C1f	Covalent Bonding			
C1g	Giant Covalent Substances			
C1h	Metallic Bonding and Bonding Summary			
Glossary:				

C2		How I feel about my current knowledge??		
				
C2	Separating Mixtures			
C2a	Separating Mixtures			
C2b	Chromatography			
C2c	Purifying Mixtures			
C2c	Core Practical – Investigating Inks			
C2d	Electrolysis			
C2d	Core Practical – Electrolysis of Copper Sulfate Solution			
Glossary:				

<h1>P1</h1>		How I feel about my current knowledge??		
				
P1	Forces, Movement and Energy			
P1b	Balanced and Unbalanced Forces			
P1c	Measuring Quantities			
P1d	Journeys			
P1e	Calculating Speed and Acceleration			
P1f	Mass, Weight and Acceleration			
P1f	Core Practical – Investigating Acceleration			
P1g	Energy Transfers			
P1h	Wasted Energy			
P1i	Energy Resources			
P1j				
Glossary:				

<h1>P2</h1>		How I feel about my current knowledge??		
				
P2	Waves and Radiation			
P2a	Describing Waves			
P2b	Wave Speeds			
P2b	Core Practical – Investigating Waves			
P2c	Electromagnetic Waves			
P2c	Core Practical – Investigating Refraction			
P2d	Using the Long Wavelengths			
P2e	Using the Short Wavelengths			
P2f	Dangers of Electromagnetic Radiation			
P2g	Inside Atoms			
P2h	Radioactive Decay			
P2i	Half-life			
P2j	Dangers of Radioactivity			
Glossary:				