



# Penyrheol Comprehensive School

## Advice for Exams:

Read each question carefully and highlight/circle command words and key terms.

Match the number of marks with the number of points you need to make.

Follow command words like, describe, explain, compare.

Use a pencil for graphs. Add a line of best fit (unless you are told to join the points up).

On the QER question, make sure you use capital letters and

## Subject:

Applied Science

## Key Dates:

Unit 3 exam on Tuesday 14<sup>th</sup> May

## Suggested revision tools/strategies:

Quizlet (join BenneyD7's WJEC class), Spacing Grids, Revision Questions.

Self-quizzing from Booklets, Self-assess on the Revision Lists.

GCSEPod Playlist:

		GCSEPod Playlist Link
SD	Scientific Detection	<a href="https://members.gcsepod.com/shared/playlists/playlist/467700">https://members.gcsepod.com/shared/playlists/playlist/467700</a>
FF1	Food for the Future 1	<a href="https://members.gcsepod.com/shared/playlists/playlist/467719">https://members.gcsepod.com/shared/playlists/playlist/467719</a>
FF2	Food for the Future 2	<a href="https://members.gcsepod.com/shared/playlists/playlist/467734">https://members.gcsepod.com/shared/playlists/playlist/467734</a>
CCP1	Controlling Chemical Processes 1	<a href="https://members.gcsepod.com/shared/playlists/playlist/467749">https://members.gcsepod.com/shared/playlists/playlist/467749</a>
CCP2	Controlling Chemical Processes 1	<a href="https://members.gcsepod.com/shared/playlists/playlist/467767">https://members.gcsepod.com/shared/playlists/playlist/467767</a>
MFAP1	Materials for a Purpose 1	<a href="https://members.gcsepod.com/shared/playlists/playlist/532074">https://members.gcsepod.com/shared/playlists/playlist/532074</a>
MFAP2	Materials for a Purpose 2	<a href="https://members.gcsepod.com/shared/playlists/playlist/552629">https://members.gcsepod.com/shared/playlists/playlist/552629</a>

Retrieve don't highlight



KEEP  
CALM  
AND  
REVISE

Retrieval  
Activities

Week beginning (Monday)		Suggested Topics to Revise:	Booklet Pages
Feb 25 <sup>th</sup> 2019	February Half Term	Qualitative/Quantitative Tests; Chromatography & Colourimetry; Flame tests; Metal & Non-Metal Ions Tests	6-20
March 4 <sup>th</sup>		Titration; Sources of Error; DNA profiling	16-17 & 11
March 11 <sup>th</sup>		Leaf Structure; Photosynthesis; Use of glucose; NPK fertilisers & deficiencies; Farming	2-6 & 8-11
March 18 <sup>th</sup>		Selective breeding & Genetic modification; Fermentation; Aseptic technique	13-16 & 21-22
March 25 <sup>th</sup>		Pasteurisation/Milk production; Preserving food; Kitchen hygiene; Food poisoning; Turbidity & Serial dilution	23-30
April 1 <sup>st</sup>		Endo/Exothermic reactions & Thermal runaway; Collision theory; Rates of reactions, Catalysts	2-7 & 11
April 8 <sup>th</sup>		Nuclear fission and fusion	13-16
April 15 <sup>th</sup>	Easter Holidays	Half-life; Nuclear reactors- safety & accidents; Ionic and covalent bonding	19-23; 3-9; 12&16
April 22 <sup>nd</sup>		Metals, alloys, ceramics, composites; Carbon allotropes; Polymers; Properties of materials	18-23; 27-38
April 29 <sup>th</sup>		Density; Stress; Hooke's Law	38-41
May 6 <sup>th</sup>		Exam question practice. Revision- choose topics you still feel there are gaps in your knowledge.	
May 13 <sup>th</sup>		<b>Exam on Tuesday, May 14<sup>th</sup>!!!</b>	

Exam  
Q/Past  
Paper  
Practice