



Penyrheol Comprehensive School

Retrieve don't highlight

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 full stops. Don't write one long sentence.

Subject:

Applied Science (Unit 2)

Key Dates:

Unit 2 exam on

1hour 30minutes

Suggested revision tools/strategies:

Spacing/Retrieval Sheets, Revision Questions.

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

Understand your pre-release material in good detail!!!



**KEEP
CALM
AND
REVISE**

Week beginning (Monday)		Suggested Topics to Revise:	Page Numbers
Feb 25 th 2019	February Half Term	Electromagnetic spectrum; Wave speed calculations	<u>Book 1</u> : 2-3
March 4 th		The universe; Structure of the solar system; Absorption spectrum	4-11
March 11 th		Biodiversity/sampling; Adaptation and competition; Classification/scientific names; Natural selection	12-15
March 18 th		Food chains and webs; Energy loss along food chains; Carbon cycle	16-20
March 25 th		The greenhouse effect/global warming; The decay cycle; Bioaccumulation; Eutrophication (rapid growth of water plants due to fertilisers in rivers/streams)	21-27
April 1 st		Problems with plastics; Everything linked to sustainable development and environmental issues; Pollution indicators; Maintaining biodiversity	28-33
April 8 th		Chromosomes, genes and DNA; Inheritance/Inherited diseases; Mutations	<u>Book 2</u> :1-5
April 15 th	Easter Holidays	Effects of alcohol; BMI; Effects of smoking; GDA/RDA of food; Effect of salt intake and obesity; Effect of pollutants	6-12 + 15
April 22 nd		Blood glucose regulation; Type 1 and 2 diabetes	13-14
April 29 th		Drug tests and trials/aspirin; Ionising radiation; Alpha, beta and gamma radiation	16-21
May 6 th		Internal and external radiotherapy; Chemotherapy; Medical imaging (x-rays, MRI, ultrasound etc.)	18-23
May 13 th		Pathogens; Skin as defence; Vaccination; Immune response	24-28
May 20 th		Antibiotics and MRSA; Nervous system; Antagonistic muscles; Joints/Injuries; Bone fractures	29-34
May 27 th	Whitsun Half Term	Distance-time graphs; Velocity-time graphs; Speed calculations; Acceleration calculations	35-39
June 3 rd		Heart; Blood vessels; Blood; Effects of exercise on breathing and heart rate	40-45



