



FORT PITT
GRAMMAR SCHOOL

GCSE REVISION EVENING

Science

Dr F Vesey

A **Beyond** ACADEMY
SCHOOLS TRUST

GCSE Sciences



- Key exam information
- Exam board information
- Revision resources
- Subject specific revision and exam technique
- Top tips for parents

Key Examination Dates



| | Biology | Chemistry | Physics |
|----------------|--|--|---|
| Paper 1 | <i>Friday 10th May AM</i> Separate: 1h45min Combined: 1h10min | <i>Friday 17th May AM</i> Separate: 1h45min Combined: 1h10min | <i>Wednesday 22nd May AM</i> Separate: 1h45min Combined: 1h10min |
| Paper 2 | <i>Friday 7th June PM</i> Separate: 1h45min Combined: 1h10min | <i>Tuesday 11th June AM</i> Separate: 1h45min Combined: 1h10min | <i>Friday 14th June PM</i> Separate: 1h45min Combined: 1h10min |

Exam board information

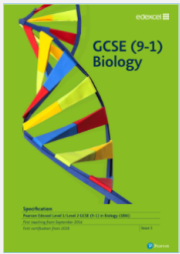


Exam Board: Edexcel

Course: 9-1 Sciences (2016)

Change specification:

Specification



First teaching: **2016**
First assessment: **2018**
Here you'll find everything you need to prepare for GCSE (9-1) Science including our specification and sample assessment materials.

Accessible papers: Unbeatable support

- Clear and accessible exam papers with detailed guidance.
- Unbeatable support throughout the qualification.
- Fast expert advice whenever you need.

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[Read more](#)

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PDF | 2.1 MB

[Read more](#)

<https://qualifications.pearson.com/en/qualifications/edexcel-gcses/sciences-2016.html#%2Ftab-Biology>

<https://qualifications.pearson.com/en/qualifications/edexcel-gcses/sciences-2016.html#%2Ftab-Chemistry>

<https://qualifications.pearson.com/en/qualifications/edexcel-gcses/sciences-2016.html#%2Ftab-Physics>

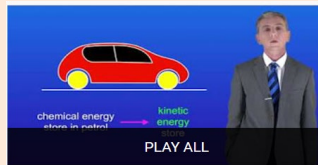
<https://qualifications.pearson.com/en/qualifications/edexcel-gcses/sciences-2016.html#%2Ftab-CombinedScience>

Specification booklets – already handed out by teachers

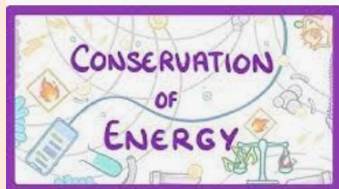
Revision resources

Step 1: Review

the science hive



freesciencelessons



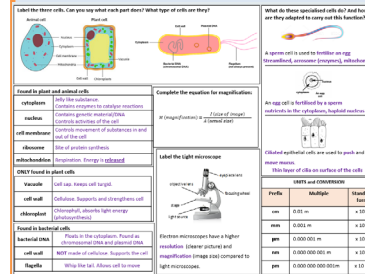
Cognito videos



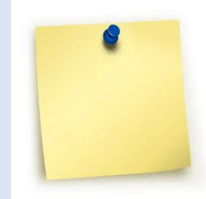
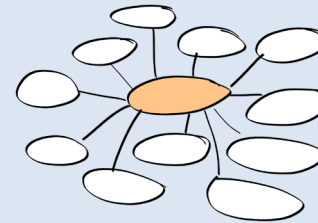
Step 2: Application



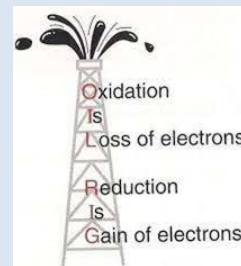
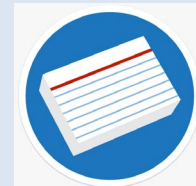
Revision Mat



Spider diagram



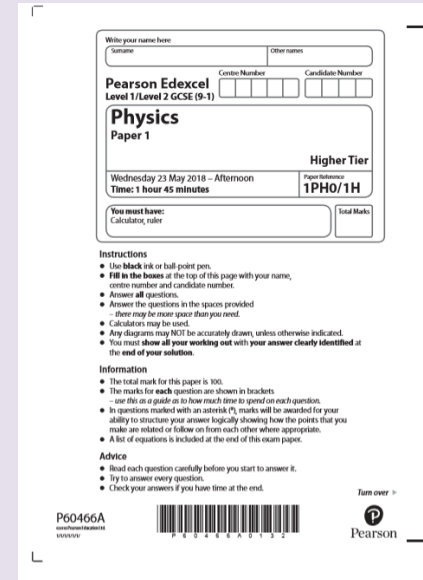
Memory dump



Mnemonics



Step 3: Practice



Mark Scheme (Results)

Summer 2018

Pearson Edexcel GCSE
In Physics (1PH0) Paper 1H



STUDY MIND

Subject specific revision and exam technique in Science



CALCULATIONS

- Logical approach. Show working. Error carried forward. Rounding answers. Significant figures.

PRACTICAL WORK

- Eight Core Practicals per subject: Explain them. Practise drawing & naming equipment.

GRAPHS

- Use a pencil and ruler. Line of best fit NOT dot to dot

EXAM TECHNIQUE

- Independent revision programme – 30 mins per week. On Teams & booklet.

SCIENTIFIC LANGUAGE

Vocabulary lists. Command words. Amount .. Use “mass”, “volume” or “concentration”.

PHYSICS

- Equations sheet – we don't know yet (Ofqual)
- unit conversion
 - rearranging equations
 - significant figures

CHEMISTRY

- Formula of common compounds
- Translate word equations into symbol equations
- Equations

BIOLOGY

- A lot of content to remember
- Application of knowledge to an unfamiliar context
- Vocabulary
- Equations



As a parent/carer how can I help?



- Place equations around the house so they're visible
- Quiz understanding of command words and key word glossaries
- Use mark schemes (and Examiner reports) to help improve quality of answers
- Prioritise healthy diet, sleep and breaks