



A Level Physics

Key contact: Mx R Barry
Exam Board: OCR A

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Expectations

After each:

Lesson – Notes are reviewed, annotations made as appropriate, other reading done to aid understanding, questions remaining noted for next lesson.

Week – Class Chart homework completed. Uplearn completed

Topic – Mind map / crib sheet / flash cards completed, Practice questions done, PLC completed. Uplearn completed.

Assessment – Reattempts of incorrect questions & purple pen review completed

PAG- Neat write up of practical; structured with an introduction (may be brief) data (presented in proper scientific format) graphs, calculations and conclusions as appropriate.

Resources

Books:

- A Level Physics for OCR
- CGP Revision Guide

Websites:

- alevelphysicsonline.com
- physics and maths tutor
- hyperphysics
- youtube.com/@SteveMould
- Institute of Physics
- Uplearn

Documentaries:

- Secrets of Size: Atoms to Supergalaxies. (BBC)
- The BBC Horizon series, e.g. 1981-1982: The Pleasure of Finding Things Out

Exam resources:

- OCR website
- Physics and maths tutor

College resources:

- ICC Physics Teams
- ICC Sixth Form Teams

Folder Expectations

Folder sections:

1. PLC
2. Specification
3. Revision materials:
4. Topic mind maps
5. Crib sheets
6. Flash cards
7. Homework
8. Completed unit assessments

Additional Reading:

Books:

- In Search of Schrödinger's Cat. John Gribbin
- The World according to Physics. Jim Al-khalili
- A Short History of Nearly Everything. Bill Bryson
- What stars are made of. Jocelyn Bell Burnell
- A brief History of time. Stephen Hawking (challenge read!)

Publications:

- The New Scientist
- BBC Science Focus

Intervention Support:

Your teacher will confirm these arrangements in your first lesson:

Day:

Timings:

Venue: