

# Proactive Interventions

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AH Higher Physics

# Support

- Textbook (course content)
- Teacher feedback via Progress sheets after each class test
- Scholar
- SQA website
- Virtual Physics
- Students can drop in any Wednesday lunchtime, or at other times if staff are available
- Students can arrange with teachers revision classes on difficult topics
- Past papers are available on line e.g.
  - Mr MacKenzie's *fizzics* website
  - SQA past papers

# Show my Homework Website

- Deadlines are shared with the class or/and via the “Show my Homework” website
- If/when students are absent through illness or appointments with external agencies, the expectation is that they will check this website for any new deadlines issued in their absence

# Non-Contact Periods

- Most students in S6 have a significant number of non-contact periods, 14 is not unusual!
- By this point of the year I would be expecting those in AH Physics to have **at least** one of these periods allocated to the consolidation of their Physics
- At the course progresses, these periods become invaluable in helping them complete practical work towards their project
- There are two Advanced Higher Physics rooms which they have access to in order to complete practical work and tutorials or consolidate their learning

# Homework

- No “traditional” homework issued
- Instead, students are expected to demonstrate the work they do away from class (at home or during non-contact period) by finishing tutorials started in class
- Once the tutorial is 100 % correct they use the “Star Chart” in Lab 2 to indicate their progress to the teacher
- This information is used to communicate levels of effort and homework, to parents

# Assessments

- SQA unit tests:
  - Full Unit - Rotational Motion & astrophysics: mid November
  - Full Unit - Quanta and Waves: end of January
  - Half Unit- Electromagnetism: just before/after Easter holiday
  - Half Unit – Project
- SQA Investigating Physics
- SQA Project write up
- Prelim: 15<sup>th</sup> Jan to 31<sup>st</sup> Jan (!)

# Assessments

- Investigating Physics
  - Formal write up of an experiment.
  - Students are given a structure and marking scheme for the report.
  - Limited input from the teacher.
  - Pass/Fail – similar to end of unit SQA assessments.

# Assessment

- Project Write-up
  - 2500 – 4500 words
  - Worth 30 out of 130 marks
  - Externally assessed
  - Individual experimental work
  - 20 hours timetabled (24 periods)
  - Student expected to carry out



# Parental Support

- Encourage!
- Ask them questions!
  - What's going well?
  - Anything you need help with?
  - Do you need to speak to your teacher(s)?
- Teachers are more than happy to help, but are unlikely to keep chasing an student/issue.
- Ultimately it is the student's responsibility!