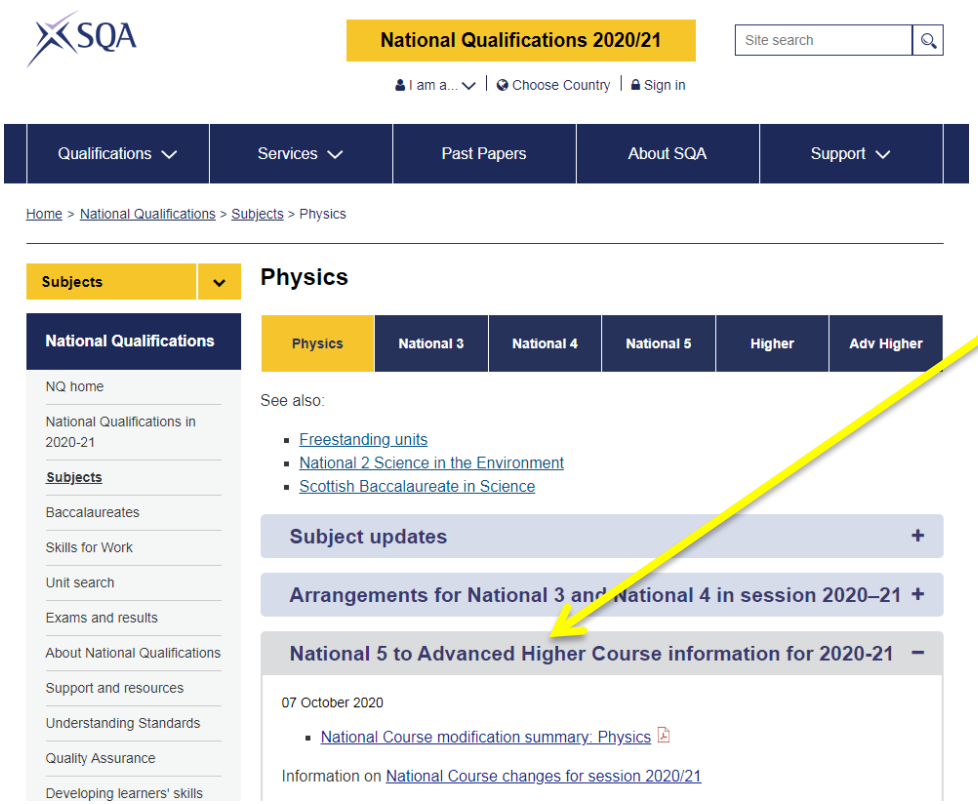
Supporting Pupils @ Home

2020-2021

N5 Physics

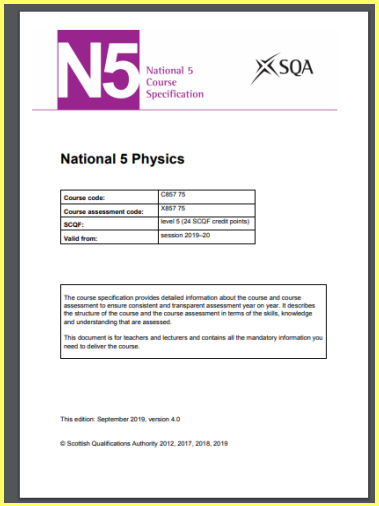
Course Information … specific for 2020-21



The main Physics page on the SQA website https://www.sqa.org.uk/sqa/45729.html has a link to **Course Information** specific for this unusual session of 2020-21

Course Information … structure and content

The N5 Physics page on the SQA website..https://www.sqa.org.uk/sqa/47430.html has a link to the **Course Specifications**, which gives details of the course content.



It also has a link to **Past Papers**, and the **marking instructions** for these.
It also has a link to the SQA **Understanding Standards** website.
These are all extremely valuable resources that will help your child progress, and in preparing for their N5 course assessment.

Course information … Topics

The Course consists of six **Topics** *…which used to be combined into three **Units***:
1: Dynamics
2: Space
3: Electricity
4: Properties of Matter
5: Waves
6: Radiation

plus **: Assignment**

More detail of the content covered in each **Topic** can be seen in the **Course Specification** document
… the detailed content is referred to as the **Mandatory Content**
i.e. the stuff they need to know ! … see p29 onwards
Assignment information can also be found on the SQA website
… although this session there is no requirement to do this

Key Resources … issued by the class teacher

Each **Topic** has the resources listed below:

1. **Learning Outcome Checklist** – a more pupil friendly version of the SQA **Course Specification**, **Mandatory Content**
2. **Teacher / class notes** – 'live' notes plus hand-out notes covering all the course content
3. comprehensive **Summary Notes** and **HW booklets**
4. **SCHOLAR Notes** & **check-tests**
5. **Topic Tests –** based on SQA Past-Paper questions, to support consolidation of knowledge and progress
6. **Textbook** that covers the full course

All the resources are available in paper format as well as in digital format in the class Team, available via the i-pad

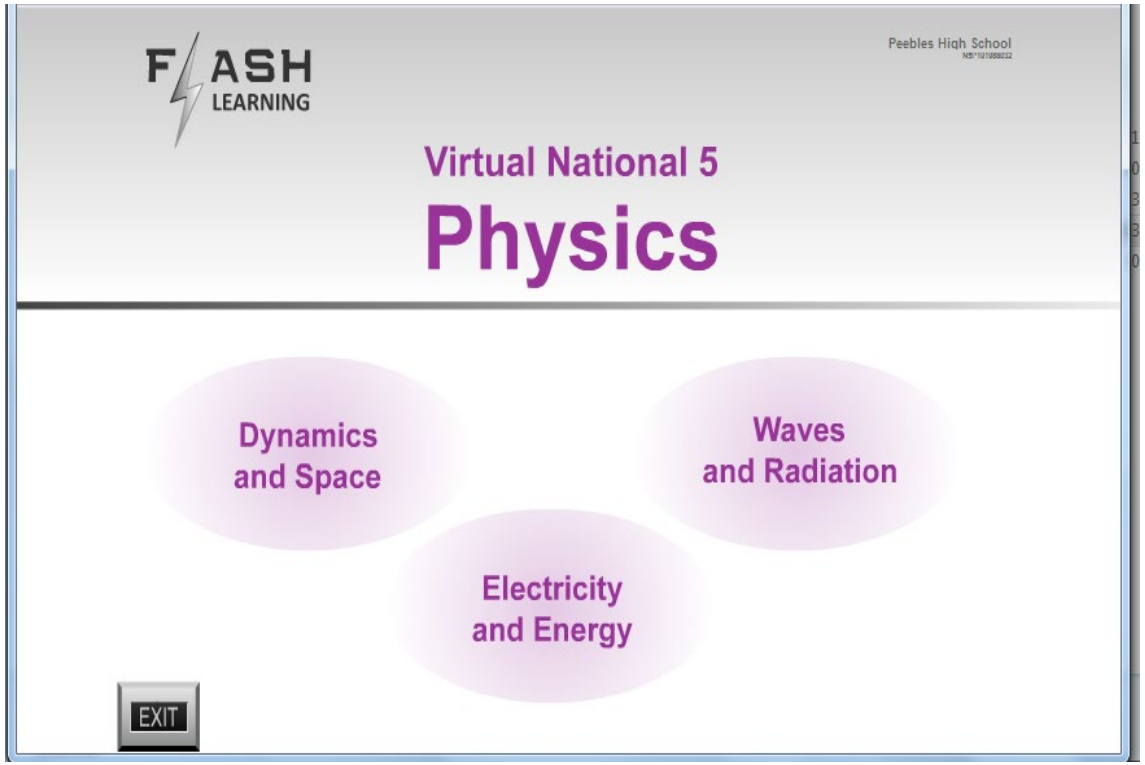
Additional Resources … for support @ home

SCHOLAR

Pupils have access to this via their **Glow Login** details. This excellent resource is full of detailed notes, activities, simulations, practice questions and tests for the whole Course … *although some sections may still be being added for N5*

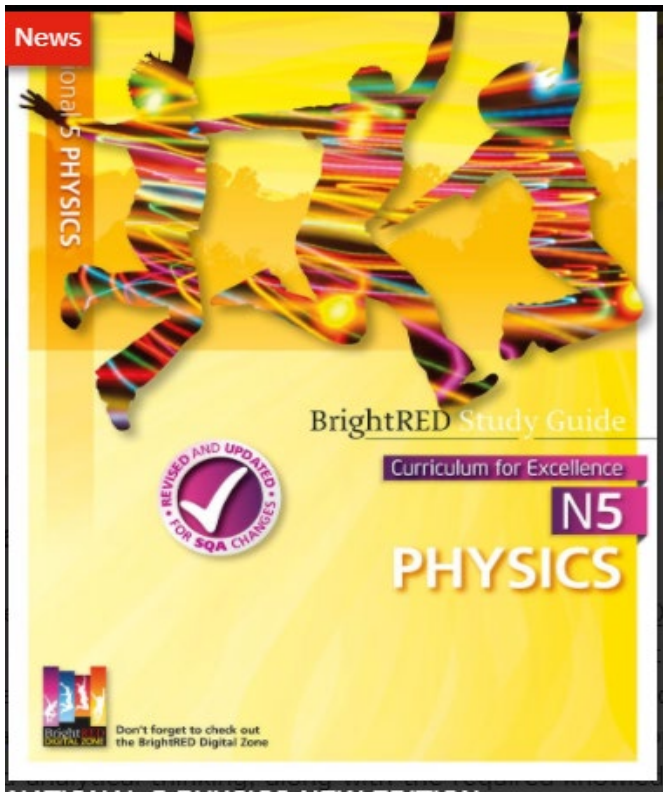
This video is a helpful user guide for N5 pupils (and parents / carers)
Scholar User Guide - Pupils

Additional Resources … for support @ home



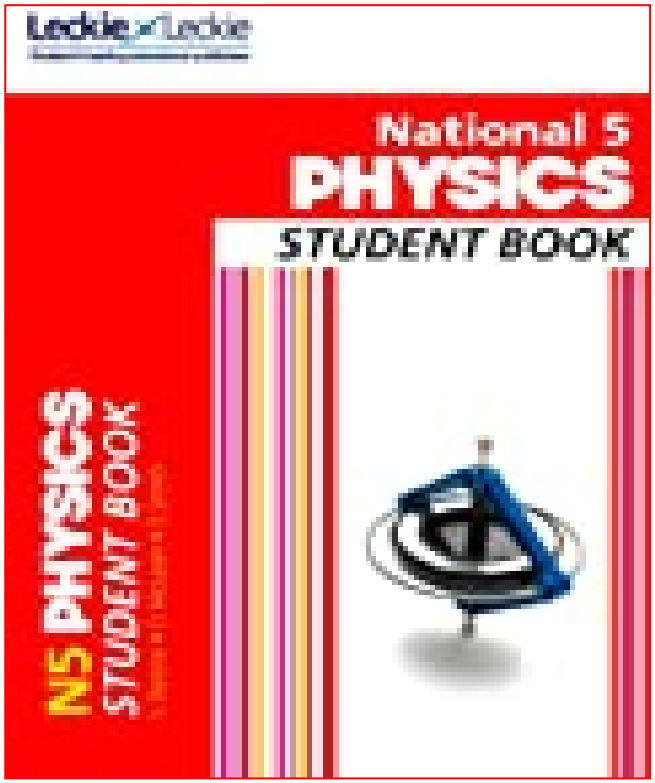
Every pupil has access to this fantastic digital resource at school, which has excellent learning notes, animations, worked examples, interactive summary sections that cover the full content of the Course.
They are encouraged to take a copy for use at home.

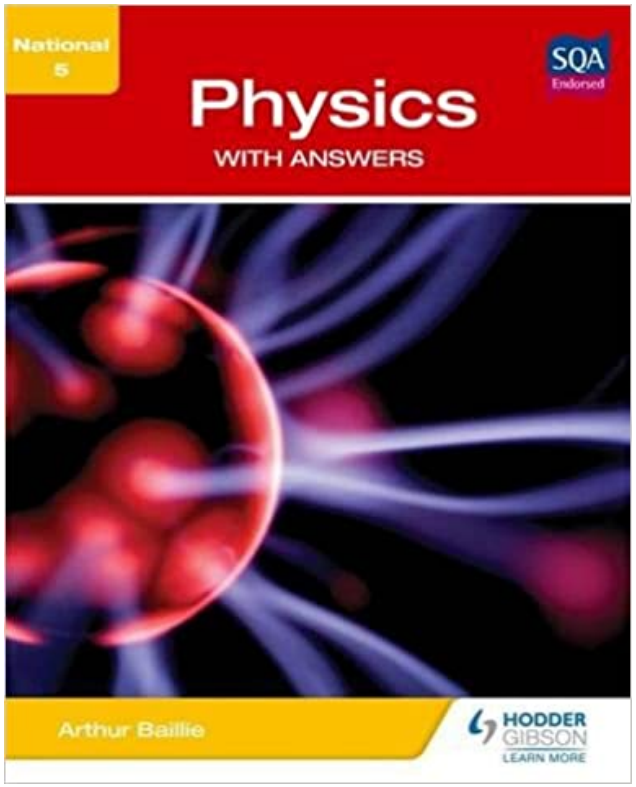
Additional Resources … for support @ home



Every pupil has access to a copy of the Bright Red Study Guide for N5 Physics for use throughout the year. This book also has a complimentary website, '**Bright Red Digital Zone**', with activities, videos and quizzes which can be accessed by clicking here Bright Red Digital

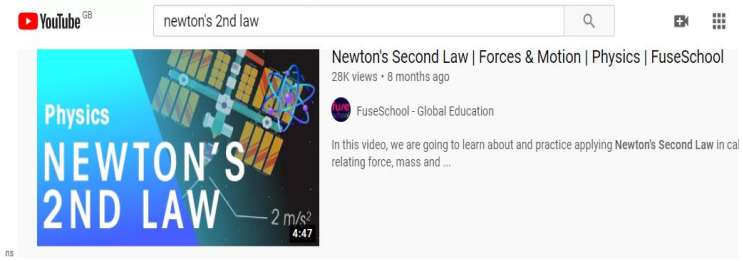
Additional Resources … for support @ home



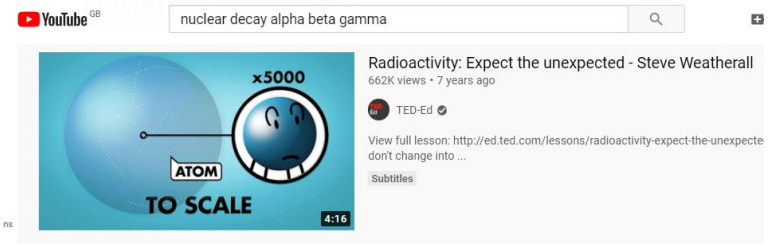


Every pupil has access to a copy of a textbook book, which covers the whole Course, in depth.

Additional Resources … for support @ home



https://www.youtube.com/watch?v=0efXaBr_JcU



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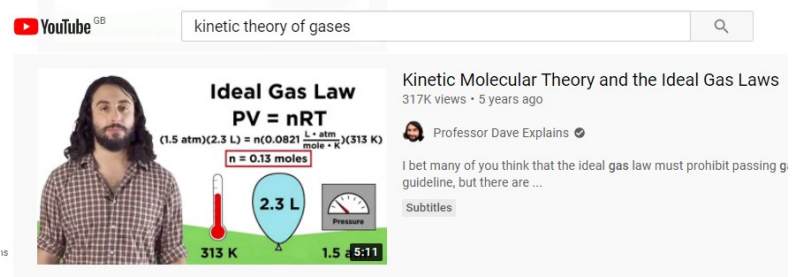
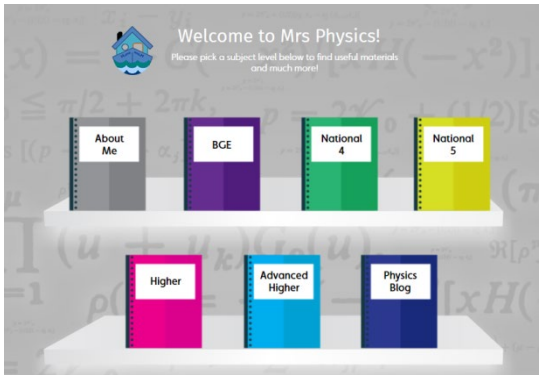
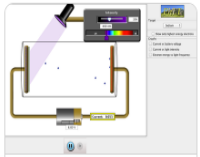


https://www.youtube.com/watch?v=robEY-idcLU

There are many, excellent, short videos that help explain some of the trickier parts of the Course, in ways that can really help understanding … and others are just a good way to learn stuff anyway !

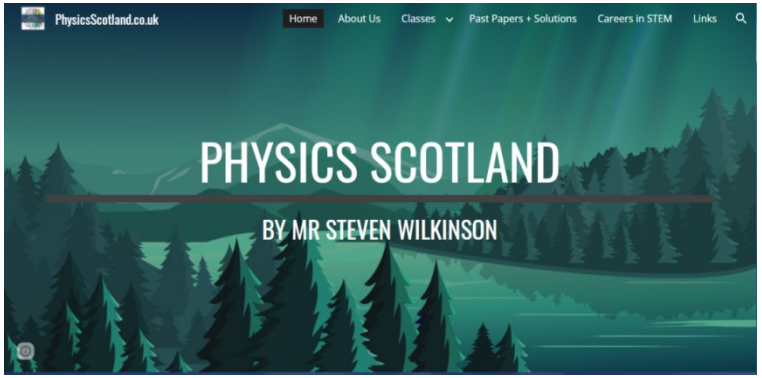
Additional Resources … for support @ home





Photoelectric Effect

Projectile Motion



Pupils have access to a range of excellent web-sites that have been developed by Physics teachers across Scotland, bringing together a vast collection of resources specifically tailored for N5 Physics.
Specific web-site details are available from the Physics teachers, if need be – with a few of the ‘best’ highlighted here.

Support … for support @ home

So *how can* you support your child at home ?

- If you understand some of the theory / content :
  - ask them questions about the Topic they're working on
  - help them get good use of the resources mentioned
  - check some of their work that they're doing
- Even if you don't understand the content :
  - ask them questions
    - what's going well
    - Is there anything you need help with ?
    - do you need to speak with your teacher ?
- **You can always encourage them to** :
  - revise & summarise their notes, regularly
  - do lots of questions, including Past Papers
  - make their notes/work 'meaningful', with enough detail
  - take advantage of **Tutorial Sessions offered in school**
    …to get extra support with questions and/or the theory
  - be pro-active in asking for help … or just for reassurance !