

14th March 2023

Dear parents/ carers,

As you are aware, due to the impending NEU strike action, we have had to make the difficult decision to partially close school on Wednesday 15th March and Thursday 16th March. As a result, school will not be open to Year 10 students on these days. Please find below appropriate activities that can be completed at home. If your child has any difficulties with accessing these resources at home due to a lack of IT equipment, please don't hesitate to contact school and we will try to assist.

Maths

Pupils have been working on transformations and are moving onto Pythagoras' Theorem. They can use this link to Oak National Academy to review some of the key concepts:

https://classroom.thenational.academy/lessons/mixed-transformations-cmrk6t?from_query=transformations&activity=intro_quiz&step=1

https://classroom.thenational.academy/lessons/know-and-understand-pythagoras-theorem-70vp4t?from_query=pythagoras

Additionally, they can use Hegarty Maths for any extra revision they would like to do on transformations and Pythagoras.

English

Year 10 are currently studying 'Romeo and Juliet' in English. Work has been set on Teams and on GCSEpod for pupils to access.

Science

Students can first watch the following videos and/or use GCSEPod (students have log-in details) on bonding, structure and the properties of matter, specifically looking at ionic compounds and small molecules, which are topics covered in the chemistry syllabus. They can make notes, create a mind map or flashcards to help them with retrieval of key information from the topic. There are questions on both the GCSE Bitesize and GCSEPod for students to then test themselves in order to check their learning.

[Forming ions - Ionic compounds - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize](#)

[Covalent bonds - Small molecules - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize](#)

Next, students can watch the following videos and/or use GCSEPod to continue their work on bonding, structure and the properties of matter and this time focus on giant covalent molecules and metals and alloys, which are topics covered in the chemistry syllabus. They can again make notes, create a mind map or flashcards to help them with retrieval of key information from the topic. There are questions on both GCSE Bitesize (including some sample exam questions - please see the links below) and GCSEPod for students to then test themselves in order to check their learning.

[Substances with many covalent bonds - Giant covalent molecules - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize](#)

[Structure and bonding in metals - Metals and alloys - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize](#)

[Multiple choice questions - Sample exam questions - bonding, structure and matter - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize](#)

Continued overleaf ...

Pupils can also use the time to complete any homework or access other subjects on GCSEPod.

Please note that pupils who would normally receive a free school meal will receive a top up of £3 to their free school meal voucher that will be provided at Easter.

Once again, we are sorry for any disruption this may cause and thank you for your ongoing support.

Yours faithfully,

A handwritten signature in black ink that reads "M J Blackledge". The signature is written in a cursive style with a small flourish at the end.

M J Blackledge
Headteacher