Remote Learning Guide

Science

w.c 13th April 2026

(Week 1)

What is the remote learning guide?

Where students are unable to attend school due to, medical, or disciplinary reasons we will continue to provide resources to enable students to continue their education at home – we call this remote learning. We

want to minimise the impact to your child's education and therefore we have a plan to make sure learning can continue, when they are unable to attend school. It is crucial that students are proactive in filling gaps in their learning as a result of their absence from lessons.

We will be providing all teaching resources through Microsoft Teams. All students will be automatically placed in a Team for their classes in all subjects. Teachers will place all activities, including lessons and resources as files in these Teams. Students can access the Teams through their school email accounts. Teachers will also set homework and send messages to their students using MS Teams. All work will be available before the lesson is due to start.

You can see a summary of what is being taught each week through the remote learning guides that are shared on the school website every Friday. Students can access the guides using FROG. Your child's teachers will also be available via email to answer any questions or queries your child may have. The email address for the head of each department is also included within this guide if you need to contact them regarding any subject related issue.

Studies show that reading for pleasure makes a big difference to children's eduMrs Jonesional performance. We recognise that reading is vitally important to your child's eduMrs Jonesion. Please make sure your child reads approximately one book a week. E-books are available to all Holte School students through MyOn, or they may borrow a book from the school library.

Students are also regularly set tasks and can access resources using the following platforms:

- **GCSEPod** - https://www.gcsepod.com/
- **MyOn** - https://www.myon.co.uk
- **Seneca -** https://senecalearning.com/en-GB/
- **Bedrock Learning -** https://app.bedrocklearning.org/

The following resources provide lessons created by the BBC and Department for EduMrs Jonesion that may be used with your children to extend their learning at school.

- **Oak National Academy** - https://www.thenational.academy/
- **BBC Bitesize Daily Lessons** - https://www.bbc.co.uk/bitesize/dailylessons

Year 7
Head of Department: Mr C Walsh

What is your child learning this term?

In the first summer half term, students will learn about different chemical reactions through practical investigations. They will progress onto reactions involving acids and alkali and making salts. In addition, students will learn about genetic and environmental variation, puberty and reproduction in both animals and plants. The final term will include learning about space through a series of project and lesson based learning and final preparation for the end of year summative assessment week commencing 15/6/26. The remainder of the term will be spent working on practical based skills and scientific enquiry.

Class	Teacher	Lessons, including deadlines & resources
7.1	**Mr Neylon** **Mr Neylon** **Miss Bibi**	Tue P4 SJN – Summative assessment feedback Wed P4 SJN – energy resources Fri P1 IQB– energy and power
7.2	**Mr Hoare** **Mrs Chowdhury** **Mrs Chowdhury**	Tue P4 – 6.1.3 Indicators Wed P4 – summative 2 feedback Fri P1 –6.1.4 acid strength
7.3	**Ms Ali** **Ms Ali** **Mrs Ali**	Tue P4 - 3.1.2 Energy resources Wed P4 - Summative assessment feedback Fri P1 –3.1.3 Energy adds up
7.4	**Ms Ghani** **Ms Ghani** **Ms Ghani**	Tue P4 – Acid strength Wed P4 – Neutralisation Fri P1 – making salts
7.5	**Mr Hoare** **Miss Bibi** **Miss Bibi**	Tue P3 - 6.1.2 Acids and alkali Thur P3 - 6.1.1 chemical reactions (practical) Fri P2 - 6.1.3 Indicators and pH
7.6	**Mrs Choudhury** **Ms Ghani** **Ms Ghani**	Tue P3 – 6.1 .4 Acid strengths Thur P3 - 6.1.5 Neutralisation Fri P2 - 6.1.6 Making salts
7.7	**Ms Ali** **Ms Ali** **Mrs Ali**	Tue P3 - 3.1.2 Energy resources Thur P3 – Summative assessment feedback Fri P2 - 3.1.3 Energy adds up
7.8	**Mrs Ali** **Mrs Ali** **Mrs Rahman**	Tue P3 - 6.1.1 chemical reactions (practical) Thur P3 – 6.1.2 Acids and alkali Fri P2 - 6.1.3 Indicators and pH
7N	**Mrs Rahman** **Miss Bibi**	Tues P4 – 3.2.2 Energy dissipation Wed P4 – 6.1.1 Chemical reactions Fri P1 – 6.1.2 acids and alkali

Year 8		
Head of Department: Mr C Walsh		
What is your child learning this term?		
In the first half of the summer term students will be learning how to set up series and parallel circuits using electrical components. This will be followed with studying sound and light waves and the effects of reflection and refraction and how this is linked to how the human eye works. In the last half term pupils will be preparing for the end of year summative assessment week commencing 8/6/26. For the remainder of the term students will be developing their practical skills and scientific enquiry.		
Class	**Teacher**	**Lessons, including deadlines & resources**
8.1	**Mrs Ali** **Mrs Ali** **Mrs Ali**	**Mon P4-** **Wed P1-** **Thur P2 -**
8.2	**Mrs Rrahman** **Mrs Rrahman** **Ms Jones**	**Mon P4- ERR 2.1.3 Series and Parallel Circuits** **Wed P1- ERR 2.1.3 Series and Parallel Circuits** **Thur P2 – MIJ 2.1/2.2 Formative Assessment 9 Circuits (PA) & Feedback**
8.3	**Mrs Choudhury** **Mrs Choudhury** **Mr Hoare**	Mon P4- 2.1.3 series and parallel theory Wed P1- 2.1.3 series and parallel practical Thur P2 – 2.1/2.2 Formative Assessment 9 Circuits (PA) & Feedback
8.4	**Mrs Rahman** **Mr Hoare** **Mrs Rahman**	Mon P4- 2.1.3 Series and Parallel Circuits Wed P1 - 2.1.3 Series and Parallel Circuits Thurs P2 - 2.1/2.2 Formative Assessment 9 Circuits (PA) & Feedback
8.5	**Mrs Choudhury** **Mrs Rahman**	**Mon P1-** 2.1.3 series and parallel theory **Fri P3-** 2.1.3 series and parallel practical
8.6	**Mr Neylon** **Ms Jones**	Mon P1- SJN 2.1.3 Series and Parallel Circuits Fri P3- MIJ 2.1.3 Series and Parallel Circuits
8.7	**Miss Bibi** **Mrs Ali**	**Mon P1-** 2.2.2 Charging up/ Current **Fri P3-** 2.2.1 potential difference
8.8	**Ms Ghani** **MS Ghani**	**Mon P1-** Series and parallel circuits **Fri P3-** Series and parallel circuits

Year 9
Head of Department: Mr C Walsh
What is your child learning this term?

During the first half of the summer term students will be learning about how heat is transferred through conducting and insulating materials. Following on from this, students will learn about organisation in the human body focussing on digestion, enzymes and products of digestion and food chemistry. The last topic will be completed in the second half of the term where students will explore states of matter and structure and bonding on metals and non-metals. The last part of the term will focus on revision for the end of year summative assessments which will take place from week commencing 15.6.26.

Class	Teacher	Lessons, including deadlines & resources
9.1	**Mrs Ali** **Mrs Ali** **Mrs Ali** **Ms Bibi**	Tue P4- Tue P5- Wed P2- Wed P5 - C2.2 Electronic structure
9.2	**Mrs Chowdhury** **Ms Ali** **Mrs Chowdhury** **Ms Ali**	Tue P4- B2.1 DNA & Chromosomes Tue P5- B2.2 Cell Cycle Wed P2- B2.3 Growth & Differentiation Wed P5 –Summative assessment 2 feedback
9.3	**Mrs Rahman** **Mrs Rahman** **Mrs Rahman** **Mrs Rahman**	Tue P4- C2.4 Group 7 and explaining trends Tue P5- The transition elements Wed P2- P2.1 Conduction Wed P5 – P2.1 Investigating different thermal insulators &/or thickness
9.4	**Mrs Choudhury** **Mr Hoare** **Mr Hoare** **Mr Hoare**	Tue P4- C2.4 Group 7 &C2.5 Explaining trends Tue P5- C2.3 Group 1 and explaining trends Wed P2- P2.1 Investigating different thermal insulators &/or thicknessc Wed P5 - C2 L6 Transition elements
9.5	**Ms Jones** **Ms Jones** **Mrs Ali** **Ms Jones**	Tue P3 MIJ - P2.1 Conduction Tue P5 MIJ - P2.1 Investigating different thermal insulators &/or thickness Wed P5 FKA - P2.2 Infrared radiation & P2.3 More on infrared Thu P4 MIJ – P2.4 Investigating Specific Heat Capacity of different metals
9.6	**Ms Bibi** **Ms Bibi** **Ms Jones** **Ms Bibi**	Tue P3 IQB P2.1 Conduction Tue P5 IQB P2.1 Investigating different thermal insulators &/or thickness Wed P5 - MIJ P2.2 Infrared radiation & P2.3 More on infrared Thur P4– IQB P2.4 Investigating Specific Heat Capacity of different metals
9.7	**Mrs Rahman** **Mr Neylon** **Mr Neylon** **Mrs Rahman**	Tue P3- C2.1 Develop of periodic table Tue P5- P2.1 Energy transfer by conduction Wed P5-P2.2 Specific heat capacity Thur P4 – C2.2 Electronic structures
9.8	**Ms Ghani** **Ms Ghani** **Ms Ghani** **Ms Ghani**	Tue P3-Trends and patterns in Group 7 Tue P5- Transition Elements Wed P5-Revision The Periodic Table and Assessment C2 Thur P4 – Conduction

Year 10		
Head of Department: Mr C Walsh		
What is your child learning this term?		
During this term students will continue to study about forces in motion, bioenergetics and chemical changes. They will also be preparing for their end of year summative assessments commencing 1.6.26.		
Class	**Teacher**	**Lessons, including deadlines & resources**
10.1	**Mr Neylon** **Miss Bibi** **Mr Hoare** **Mr Hoare** **Miss Bibi**	Mon P2- Aerobic respiration / photosynthesis feedback Wed P1 – C Thur P3- Fri P1 – Fri P4 –
10.2	**Mr Hoare** **Mr Ali** **Mrs Turner** **Mrs Turner** **Mrs Turner**	Mon P2- Wed P1 – C6.3 The extraction of aluminium and C6.4 Electrolysis of aqueous solutions Thur P3- B7 Feedback Fri P1 – B8.1 Photossynthesis & Plant organs Fri P4 – B8.2 Plant adaptations for photosynthesis
10.3	**Mrs Rahman** **Ms Jones** **Mrs Rahman**	Mon P2- C10.3 Testing for gases Wed P1 – P10.2 Terminal velocity Thur P3- C10 FA and feedback

	Ms Jones **Ms Jones**	Fri P1 – P10.3 Forces and braking Fri P4 – P10.4 Momentum
10.4	**Mrs Choudhury** **Mr Neylon** **Mr Neylon** **Mr Neylon** **Mrs Ali**	Mon P2- P7.5 Activity and half life Wed P1 – Photosynthesis feedback Thur P3- Aerobic respiration Fri P1 – Response to exercise Fri P4 –
10.5	**Miss Turner** **Ms Ali** **Ms Jones** **Ms Jones**	Mon P1 - B8.3 Transport in Plants Mon P2 - C7.1 and C7.2 Endothermic and exothermic reactions and profiles Tue P1 - P8.1/P8.2 Scalar and vector Tue P2 - P8.3 Resultant forces
10.6	**Mr Hoare** **Mrs Ali** **Mr Hoare**	Mon P1 - Mon P2 - Tue P1 - Tue P2 -
10.7	**Mrs Chowdhury** **Mrs Choudhury**	Mon P1 –B10 required practical-reaction time Mon P2 - B10.2 Nervous system Tue P1 – B10.3 Reflex Tue P2 –C8 test
10.8	**Mrs Ali** **Ms Jones** **Ms Ali** **Mrs Ali**	Mon P1 - Mon P2 - P9 Assessment – Crude oil Tue P1 - C6 electrolysis test feedback Tue P2 -

Year 11		
Head of Department: Mr C Walsh		
What is your child learning this term?		
Students will continue to prepare for their GCSE's through in-class revision as timetabled on Teams and through independent practice utilising a variety of approaches including practical work and mastery learning.		
Class	**Teacher**	**Lessons, including deadlines & resources**
11.1	**Mrs Choudhury** **Mr Neylon** **Mr Neylon**	Mon P5 – C15.1 Rusting and C15.2 Alloys Wed P3 – measuring biodiversity Fri P3 – feeding relationships / land use
11.2	**Mrs Ali** **Mrs Ali** **Mrs Turner**	Mon P5 – Wed P3 – Fri P3– Organisation in plants/photosynthesis
11.3	**Miss Bibi** **Mrs Chowdury**	Mon P5 – Wed P3 –Enzymes/Osmosis RP theory

	Miss Bibi	Fri P3 –
11.4	**Ms Ali** **Mr Hoare** **Mr Hoare**	Mon P5 – Carbon cycle Wed P3 – Fri P3 –
11.5	**Mr Ali** **Mr Ali** **Mr Ali** **Mr Hoare** **Mr Hoare**	Tue P1- C14.3 LCA Tue P2- C4 Revision calculations Wed P2- C4 Revision calculations Thur P4- Thur P5-
11.6	**Mr Walsh** **Mr Walsh** **Mr Neylon** **Mrs Ali** **Mrs Ali**	Tue P1- Tue P2- Wed P2- Bond energy calculations Thur P4- Thur P5-
11.7	**Miss Bibi** **Miss Bibi** **Miss Bibi** **Mr Ali** **Mr Ali**	Tue P1- Tue P2- Wed P2- Thur P4- Physic paper 1 paper 2 calculation questions Thur P5- Required practical theory
11.8	**Mrs Rahman** **Mrs Rahman** **Ms Ali** **Ms Ali** **Ms Ali**	Tue P1- Cells - Revision Tue P2- Digestive system - Revision Wed P2-Feeding relationships Thur P4-Decay and water cycles Thur P5-Carbon cycle

Sixth Form		
Head of Department: Mr C Walsh		
What is your child learning this term?		
Class	**Teacher**	**Lessons, including deadlines & resources**
12B/Sc	**Mis Jones** **Mr Ali** **Ms Jones** **Mr Ali**	Wed P4- Feedback and targets from Motion assessment Wed P5- Circuits – current, pd and resistance Thur P3- Circuits, current and Charge Fri P1- Acids and moles, concentration volume calculations and empirical formula
12A/Bio	**Mrs Chowdhury** **Mrs Chowdhury** **MR NEYLON** **MR NEYLON** **MRS CHOWDURY**	Mon P3- Chapter 8 feedback Mon P4 – Chloroplast structure Thur P1 - genetic diversity feedback Thur P2 – Classification Fri P5 –Photosynthetic pigments
12C/Ch1	**MS ALI** **MR ALI** **MS ALI** **MR ALI** **MR ALI**	Mon P1- Chapters 16 and 17 review Tue P5- Chapter 7.1 Periodic table Wed P3- Chapter 16 and 17 organic synthesis and spectroscopy formative assessments Fri P3- Chapter 7.2 Ionisation energy and periodicity Fri P4- Chapter 7.3 Periodicity and trends
12D/Ph	**MR NEYLON** **MR WALSH** **MR WALSH**	Mon P5- Chapter 12 Revision Tue P4- Wed P1 -

	MR NEYLON **MR NEYLON**	Thur P4- Chapter 12 assessment Thur P5- 14.1 Temperature
13B/Bi	**MRS TURNER** **MRS TURNER** **MRS TURNER** **MRS CHOWDURY** **MRS CHOWDURY**	Mon P2- Paper 2 revision - homeostasis Tue P1- Paper 2 revision - homeostasis Tue P2- Paper 2 revision Nervous system Fri P3-Exam practice paper 1 Fri P4-Exam practice paper 1
13D/Bi	**MRS TURNER** **MRS TURNER** **MRS CHOWDURY** **MRS CHOWDURY**	Tue P4- Paper 2 revision - homeostasis Tue P5- Paper 2 revision - homeostasis Thur P1- Exam practise paper 1 Thur P2- Exam practise paper 1
13A/Ch	**MR WALSH** **MR WALSH** **MR WALSH** **MISS BIBI** **MISS BIBI**	Mon P3- Mon P4- Wed P3- Wed P4- Thur P5-
13C/Ch	**MR WALSH** **MR ALI** **MR ALI** **MR WALSH** **MR WALSH**	Mon P5- Tue P3- Chapter 24.3 Stereoisomerism in complex ions Thur p3- Chapter 24.4 Ligand substitution and precipitation Fri P1- Fri P2-
13A/Sc	**MS JONES** **MS JONES** **MR ALI** **MR ALI** **MS JONES**	Mon P3- Unit 1/3 Revision Mon P4- Unit 1/3 Revision Wed P3- Unit 1/3 Revision Wed P4- Unit 1/3 Revision Thur P5- Unit 1/3 Revision
13B/Ph	**MR WALSH** **MR NEYLON** **MR NEYLON** **MR WALSH** **MR WALSH**	Mon P2- Tue P1 – Capacitance PAG Tue P2 - Capacitance PAG Fri P3- Fri P4-