Remote Learning Guide

Science

w.c 27th 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 eduMrs Jonesion at home – we call this remote

learning. We want to minimise the impact to your child's eduMrs Jonesion 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 – SMSC DAY Wed P4 SJN – Mitosis Fri P1 IQB– 6.1.1 Chemical reactions
7.2	**Mr Hoare** **Mrs Chowdhury** **Mrs Chowdhury**	Tue P4 –6.1 Acids and alkali formative assessment Wed P4 – 10.1.1 Variation Fri P1 – 10.1.2 Continuous variation
7.3	**Ms Ali** **Ms Ali** **Mrs Ali**	Tue P4 - SMSC DAY Wed P4 - 3.2.1 Energy adds up Fri P1 – 3.2.2 Energy Dissipation
7.4	**Ms Ghani** **Ms Ghani** **Ms Ghani**	Tue P4 – SMSC DAY Wed P4 – Adolescence Fri P1 – Reproduction
7.5	**Mr Hoare** **Miss Bibi** **Miss Bibi**	Tue P3 - SMSC DAY Thur P3 - 6.1.6 Making salt practical Fri P2 - 6.1 Acids and alkali formative assessment
7.6	**Mrs Choudhury** **Ms Ghani** **Ms Ghani**	Tue P3 - SMSC DAY Thur P3 - Adolescence Fri P2 - Reproduction
7.7	**Ms Ali** **Ms Ali** **Mrs Ali**	Tue P3 - SMSC DAY Thur P3 – 6.1.1 chemical reactions Fri P2 - 6.1.2 Acids and Alkali
7.8	**Mrs Ali** **Mrs Ali** **Mrs Rahman**	Tue P3 - SMSC DAY Thur P3 – 6.1 FA (PA) with feedback Fri P2 - 10.1.1-10.1.2 continuous and discontinuous
7N	**Mrs Rahman** **Miss Bibi**	Tues – SMSC DAY Wed P4 – 6.1.6 Making salt Fri P1 – 6.1 FA (PA) with feedback

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 - 4.1.1 Sound waves and Speed Wed P1- 4.1.2 Loudness and amplitude Thur P2 - 4.1.3 Frequency and Pitch
8.2	**Mrs Rrahman** **Mrs Rrahman** **Ms Jones**	**Mon P4- ERR P2.4 The ear and hearing (4.1.4)** **Wed P1- ERR 4.2.1 Light** **Thur P2 – MIJ Buffer**
8.3	**Mrs Choudhury** **Mrs Choudhury** **Mr Hoare**	Mon P4- 4.1.3 Frequency and Pitch Wed P1- 4.2.1 Light Thur P2 – 4.1.4 The ear and hearing
8.4	**Mrs Rahman** **Mr Hoare** **Mrs Rahman**	**Mon P4- P2.4 The ear and hearing (4.1.4)** **Wed P1-** 4.2.1 Light **Thur P2 - Buffer**
8.5	**Mrs Choudhury** **Mrs Rahman**	**Mon P1-** 4.1.3 Frequency and pitch **Fri P3-** 4.1.4 The ear and hearing
8.6	**Mr Neylon** **Ms Jones**	Mon P1- The ear and hearing (4.1.4) Fri P3- Light
8.7	**Miss Bibi** **Mrs Ali**	Mon P1- 2.1 Revision Fri P3- 2.1/2.2 Formative Assessment 9 Circuits (PA)
8.8	**Ms Ghani** **MS Ghani**	**Mon P1-** light **Fri P3-** Refraction

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- SMSC DAY Tue P5- SMSC DAY Wed P2- P2.4 Specific heat capacity practical Wed P5 – P2.4 Specific heat capacity practice
9.2	**Mrs Chowdhury** **Ms Ali** **Mrs Chowdhury** **Ms Ali**	Tue P4- SMSC DAY Tue P5- SMSC DAY Wed P2-Biology cahllenge Wed P5 –Transition metals
9.3	**Mrs Rahman** **Mrs Rahman**	Tue P4- SMSC DAY Tue P5- SMSC DAY

	Mrs Rahman **Mrs Rahman**	Wed P2- P2 Formative assessment (PA) Wed P5 – B3.1/B3.2 Tissue and organs/Human digestive system
9.4	**Mrs Choudhury** **Mr Hoare** **Mr Hoare** **Mr Hoare**	Tue P4- SMSC DAY Tue P5- SMSC DAY Wed P2- P2.4 Investigating specific heat capacity of different metals Wed P5 - P2.4 Follow up analysis of data and calculations
9.5	**Ms Jones** **Ms Jones** **Mrs Ali** **Ms Jones**	Tue P3 MIJ– SMSC day Tue P5 MIJ SMSC day Wed P5 FKA– B3.3 Chemistry of food – Food tests Practical Thur P4 MIJ – B3.4 Catalysts & Enzymes/ B3.5 Factors affecting enzymes
9.6	**Ms Bibi** **Ms Bibi** **Ms Jones** **Ms Bibi**	Tue P3- IQB SMSC day Tue P5 IQB SMSC day Wed P5 MIJ B3.4 Catalysts & Enzymes/ B3.5 Factors affecting enzymes Thur P4– IQB B3.6 How Digestive system works
9.7	**Mrs Rahman** **Mr Neylon** **Mr Neylon** **Mrs Rahman**	Tue P3- SMSC DAY Tue P5- SMSC DAY Wed P5- P2.3 Heating and insulating buildings Thur P4 – C2 Assessment and feedback
9.8	**Ms Ghani** **Ms Ghani** **Ms Ghani** **Ms Ghani**	Tue P3- SMSC DAY Tue P5- SMSC DAY Wed P5-Assessment Energy changes Thur P4 –Tissues, organs and digestive system

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- Metabolism and revision and Biology challenge Wed P1 – C7 formative assessment Thur P3- Fri P1 – Fri P4 – C7 feedback
10.2	**Mr Hoare** **Mr Ali** **Mrs Turner** **Mrs Turner** **Mrs Turner**	Mon P2- Wed P1 – Thur P3- Transport in plants Fri P1 – Required Practical Photosynthesis Fri P4 – Transpiration
10.3	**Mrs Rahman** **Ms Jones** **Mrs Rahman** **Ms Jones** **Ms Jones**	Mon P2- B10.3 Reflex Wed P1 – P10,5 Hookes Law Thur P3- B10 Assessment (TA) Fri P1 – P10 revision Fri P4 – P10 test
10.4	**Mrs Choudhury** **Mr Neylon** **Mr Neylon** **Mr Neylon** **Mrs Ali**	Mon P2- P8.1 Scalers and vectors Wed P1 – Anaerobic respiration Thur P3- Plant and yeast respiration Fri P1 – Respiration assessment and feedback Fri P4 – C1 revision
10.5	**Miss Turner** **Ms Ali** **Ms Jones** **Ms Jones**	Mon P1 - Biology challenge Mon P2 - Bond energy calculations Tue P1 - SMSC DAY Tue P2 - SMSC DAY
10.6	**Mr Hoare** **Mrs Ali** **Mr Hoare**	Mon P1 - Mon P2 - C6 Revision Tue P1 - SMSC DAY Tue P2 - SMSC DAY
10.7	**Mrs Chowdhury** **Mrs Choudhury**	Mon P1 –P10.3 Forces and breaking Mon P2 - P10.4 Momentum Tue P1 - SMSC DAY Tue P2 – SMSC DAY
10.8	**Mrs Ali** **Ms Jones** **Ms Ali** **Mrs Ali**	Mon P1 – B10.3 Reflex reaction Mon P2 - P10.2 Terminal velocity Tue P1 - SMSC DAY Tue P2 - SMSC DAY

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 – C15.3 The properties of polymer and C15.4 Glass, ceramics and composites Wed P3 – rates of decomposition Fri P3 – human population explosion/rates of change
11.2	**Mrs Ali** **Mrs Ali** **Mrs Turner**	Mon P5 – Wed P3 – Fri P3– Respiration
11.3	**Miss Bibi** **Mrs Chowdury** **Miss Bibi**	Mon P5 – Wed P3 –paper 1 exam practice Fri P3 –
11.4	**Ms Ali** **Mr Hoare** **Mr Hoare**	Mon P5 – Renewable and non-renewable energy resources Wed P3 – Fri P3 –
11.5	**Mr Ali** **Mr Ali** **Mr Ali** **Mr Hoare** **Mr Hoare**	Tue P1- Tue P2- Wed P2- Thur P4- Thur P5-
11.6	**Mr Walsh** **Mr Walsh** **Mr Neylon** **Mrs Ali** **Mrs Ali**	Tue P1- SMSC DAY Tue P2- Wed P2- Making salts required practical Thur P4- Thur P5-
11.7	**Miss Bibi** **Miss Bibi** **Miss Bibi** **Mr Ali** **Mr Ali**	Tue P1- Tue P2- Wed P2- Thur P4- Thur P5-
11.8	**Mrs Rahman** **Mrs Rahman** **Ms Ali** **Ms Ali** **Ms Ali**	Tue P1- SMSC DAY Tue P2- SMSC DAY Wed P2-B16 formative assessment and feedback Thur P4-Renewable and non-renewable energy resources Thur P5-Making water potable

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- Circuits – Components in circuits Wed P5- Thur P3- Circuits – LED, LDR and thermistors Fri P1-
12A/Bio	**Mrs Chowdhury** **Mrs Chowdhury** **MR NEYLON** **MR NEYLON** **MRS CHOWDURY**	Mon P3- Feedback chapter 8 exam Mon P4 – Light dependent reaction Thur P1 - Measuring biodiversity Thur P2 – Statistics Fri P5 –Electron transport chain
12C/Ch1	**MS ALI** **MR ALI** **MS ALI** **MR ALI** **MR ALI**	Mon P1- Organic synthesis end-of-topic assessment Tue P5- Wed P3- Review of chapter 17 and 18 post-assessments Fri P3- Fri P4-
12D/Ph	**MR NEYLON** **MR WALSH** **MR WALSH** **MR NEYLON** **MR NEYLON**	Mon P5- 14.3 Internal energy Tue P4- Wed P1 - Thur P4- 14.4 Specific heat capacity Thur P5- 14.5 Specific latent heat
13B/Bi	**MRS TURNER** **MRS TURNER** **MRS TURNER** **MRS CHOWDURY** **MRS CHOWDURY**	Mon P2- Paper 1 exam practice Biodiversity Tue P1- SMSC Day Tue P2- SMSC Day Fri P3-Paper 2 exam practice Fri P4-Paper 2 exam practice
13D/Bi	**MRS TURNER** **MRS TURNER** **MRS CHOWDURY** **MRS CHOWDURY**	Tue P4- SMSC Day Tue P5- SMSC Day Thur P1- Paper 2 exam practice Thur P2- Paper 2 exam practice
13A/Ch	**MR WALSH** **MR WALSH** **MR WALSH** **MISS BIBI** **MISS BIBI**	Mon P3- Mon P4- Wed P3- Wed P4- Thermodynamics (enthalpy and entropy revision) Thur P5- Thermodynamics (enthalpy and entropy revision)
13C/Ch	**MR WALSH** **MR ALI** **MR ALI**	Mon P5- Tue P3- Thur p3-

	MR WALSH	Fri P1-
	MR WALSH	Fri P2-
13A/Sc	**MS JONES**	Mon P3- Unit 1 revision - Biology
	MS JONES	Mon P4- Unit 1 revision - Physics
	MR ALI	Wed P3- Unit 1 revision
	MR ALI	Wed P4- Unit 1 revision
	MS JONES	Thur P5- Unit 1 revision - Physics
13B/Ph	**MR WALSH**	Mon P2-
	MR NEYLON	Tue P1 –SMSC DAY
	MR NEYLON	Tue P2 – SMSC DAY
	MR WALSH	Fri P3-
	MR WALSH	Fri P4-