Remote Learning Guide

Science

w.c 9th February 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 autumn half term, students will learn about how Science works through practical investigations. They will progress onto how cells comprise all living organisms and how they can be observed. In the final half term topic, students will be introduced to basic chemical concepts.		
Class	**Teacher**	**Lessons, including deadlines & resources**
7.1	**Mr Neylon** **Mr Neylon** **Miss Bibi**	Tue P4 SJN – 2.1.2 Resistance (Resistance of wire RP) Wed P4 SJN – Series circuits Fri P1 IQB– parallel circuits
7.2	**Mr Hoare**	Tue P4 –5.2.1 Pure substances and mixtures

	Mrs Chowdhury **Mrs Chowdhury**	Wed P4 – 5.2.2 Solutions Fri P1 – 5.2.3 Solubility
7.3	**Ms Ali** **Ms Ali** **Mrs Ali**	Tue P4 - Colour Wed P4 - Light and sound test feedback Fri P1 – Current
7.4	**Ms Ghani** **Ms Ghani** **Ms Ghani**	Tue P4 – Solutions Wed P4 – Solubility Fri P1 – Filtration
7.5	**Mr Hoare** **Miss Bibi** **Miss Bibi**	Tue P3 - 5.2.4 Filtration Thur P3 - 5.2.5 Evaporation and simple distillation Fri P2 - Comparing separating techniques
7.6	**Mrs Choudhury** **Ms Ghani** **Ms Ghani**	Tue P3 - 5.2.5 Evaporation and simple distillation Thur P3 - Comparing separating techniques Fri P2 - 5.2.6 chromatography
7.7	**Ms Ali** **Ms Ali** **Mrs Ali**	Tue P3 - Colour Thur P3 – 4.1 and 4.2 light and sound formative assessment and feedback (SA). Fri P2 - Current
7.8	**Mrs Ali** **Mrs Ali** **Mrs Rahman**	Tue P3 - 2.1.3 Series and parallel circuits Thur P3 – 2.1 Formative assessment 7 (TA) Fri P2 - 1.2 Feedback and Buffer
7N	**Mrs Rahman** **Miss Bibi**	Tues – 2.1.1 Potential difference Wed P4 – 2.1.1 Resistance Fri P1 – 2.1.3 Series and parallel circuits practical

Year 8		
Head of Department: Mr C Walsh		
What is your child learning this term?		
In the first half of the autumn term, students will build upon their ideas of scientific enquiry. They will also explore the human body and ways in which it can be affected by different substances including caffeine. In addition, Year 8 students will investigate simple forces and their effects.		
Class	**Teacher**	**Lessons, including deadlines & resources**
8.1	**Mrs Ali** **Mrs Ali**	**Mon P4-** **Wed P1-**

	Mrs Ali	**Thur P2 -**
8.2	**Mrs Rrahman** **Mrs Rrahman** **Ms Jones**	Mon P4- ERR 9.4.1/ 9.4.2 Leaves and Photosynthesis Wed P1- ERR 9.4.4 Plant nutrients Thur P2 – MIJ 9.4.3 Investigating photosynthesis
8.3	**Mrs Choudhury** **Mrs Choudhury** **Mr Hoare**	Mon P4- 9.4.4 Plant nutrients Wed P1- 9.3/9.4 Formative Assessment 7 Energetics (PA) & Feedback Thur P2 – 1.4.1 Pressure in gases
8.4	**Mrs Rahman** **Mr Hoare** **Mrs Rahman**	Mon P4- 9.4.3 Investigating photosynthesis Wed P1- 9.4.4 Plant nutrients Thur P2 - 9.3/9.4 Formative Assessment 7 Energetics (PA) & Feedback
8.5	**Mrs Choudhury** **Mrs Rahman**	**Mon P1-** 9.4.1 Photosynthesis **Fri P3-** 9.4.2 Leaves
8.6	**Mr Neylon** **Ms Jones**	Mon P1- SJN 9.4.3 Investigating photosynthesis Fri P3- MIJ 9.4.4 Plant nutrients 9.3/9.4 Formative Assessment 7 Energetics (PA) & Feedback
8.7	**Miss Bibi** **Mrs Ali**	**Mon P1-** 9.4.1 Photosynthesis **Fri P3-** 9.4.2 Leaves
8.8	**Ms Ghani** **MS Ghani**	**Mon P1-** Investigating photosynthesis **Fri P3-** Plant nutrients/ formative assessment 9.4 Energetics and feedback

Year 9		
Head of Department: Mr C Walsh		
What is your child learning this term?		
During the first half of the autumn term, students will work through topics on Natural selection & evolution, magnets & magnetic fields, and climate change & environmental impacts. They will do this though a variety of approaches including practical work.		
Class	**Teacher**	**Lessons, including deadlines & resources**
9.1	**Mrs Turner** **Miss Bibi** **Mrs Turner**	Mon P3 – P1.1/P1.2 Changes in energy stores and conservation of energy Wed P5 - P1.3 Energy and Work Fri P5 – P1.4 GPE Stores
9.2	**Ms Ali** **Ms Ali** **Mrs Ali**	Mon P3 –Ions and isotopes. Wed P5 – C1 Formative Assessment 5 and feedback Fri P5 – P1.1 & P1.2 Changes in energy stores & conservation of energy
9.3	**Mrs Rahman** **Mrs Rahman** **Mrs Rahman**	Mon P3 – P1.3 Energy and Work Wed P5 – P1.4 GPE Stores Fri P5 – P1.5 KE and elastic energy stores
9.4	**Ms Ghani** **Ms Ghani** **Ms Ghani**	Mon P3 - c1 rEVISION Wed P5 – c1 Assessment Fri P5 – P1.1/P1.2 Changes in energy stores and conservation of energy
9.5	**Ms Jones**	Tue P3 MIJ - P1.4 GPE Stores

	Ms Jones **Mrs Ali**	Wed P3 MIJ - P1.5 KE and elastic energy stores Thu P1 FKA – P1.6/P1.7 Energy Dissipation/Energy and efficiency
9.6	**Miss Bibi** **Miss Bibi** **Ms Jones**	Tue P3 – IQB P1.4 GPE Stores Wed P3- IQB P1.5 KE and elastic energy stores Thur P1 – MIJ P1.6/P1.7 Energy Dissipation/Energy and efficiency
9.7	**Mrs Rahman** **Mrs Rahman** **Mrs Turner**	Tue P3 – P1.1/P1.2 changes in energy stores & conservation of energy Wed P3- P1.3 Energy and work Thur P1 – Feedback lesson on C1
9.8	**Ms Ghani** **Ms Ghani** **Ms Ghani**	Tue P3 - Kinetic energy and elastic stores Wed P3- Energy dissipation and Energy efficiency Thurs P1 - Electrical Appliances

Year 10
Head of Department: Mr C Walsh
What is your child learning this term?

During the first half term of autumn, students will be studying transport systems in living organisms, important calculations necessary in Chemistry and the laws and features of electrical circuits.		
Class	**Teacher**	**Lessons, including deadlines & resources**
10.1	**Mr Neylon** **Miss Bibi** **Mr Hoare** **Mr Hoare** **Miss Bibi**	Mon P2- B6 Feedback / B7 Data lesson Wed P1 – C6.3 extracting aluminium Thur P3- P6 revision Fri P1 –P6 Assessment Fri P4 – C6.4 electrolysis of aqueous solution
10.2	**Mr Hoare** **Mr Ali** **Mrs Turner** **Mrs Turner** **Mrs Turner**	Mon P2- P6 assessment Wed P1 – C5 Assessment reactivity series/acid alkali Thur P3- B7.1 Non communicable diseases Maths Fri P1 – B7.1 Non Communicable diseases graphs Fri P4 – B7.2 Theory
10.3	**Mrs Rahman** **Ms Jones** **Mrs Rahman** **Ms Jones** **Ms Jones**	Mon P2- B8.1 Photosynthesis Wed P1 – C8.2 Collision theory and surface area - practical Thur P3- B8.3 How plants use glucose Fri P1 – C8.3 The effect of temperature Fri P4 – C8.4 The effect of concentration
10.4	**Mrs Choudhury** **Mr Neylon** **Mr Neylon** **Mr Neylon** **Mrs Ali**	Mon P2- P7.1 Atom and radiation Wed P1 – Alcohol Thur P3- B7 revision and assessment Fri P1 – B8.1 Photosynthesis Fri P4 – C8.1 Rates of reaction
10.5	**Miss Turner** **Ms Ali** **Ms Jones** **Ms Jones**	Mon P1 - B6 Revision & end of topic test Mon P2 - Electrolysis required practical and electrolysing aqueous solution principles Tue P1 - P7.2 Discovery of the nucleus Tue P2 - P7.4 More about alpha, beta, gamma
10.6	**Mr Hoare** **Mrs Ali** **Mr Hoare**	Mon P1 –Density RP Mon P2 - Tue P1 - p6 L2 Changing state Tue P2 - p6 l3 Latent heat
10.7	**Mrs Chowdhury** **Mrs Choudhury**	Mon P1 – P8 vectors and scalar Mon P2 P8 Forces between objects- Tue P1 –P8 Resultant forces Tue P2 –C8.1 Rates of reaction
10.8	**Mrs Ali** **Ms Jones** **Ms Ali** **Mrs Ali**	Mon P1 - B8.2 The rate of photosynthesis Mon P2 - P7 Revision and assessment Tue P1 –C5 test feedback and review Tue P2 - B8.3 How plants use glucose

Year 11		
Head of Department: Mr C Walsh		
What is your child learning this term?		
Students will be studying Homeostasis and control systems, forces and their effects and the details of waves. They will do this using 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 – Feedback on PPE Chemistry paper 1 Wed P3 – Theories of evolution Fri P3 – Evolution and speciation
11.2	**Mrs Ali** **Mrs Ali** **Mrs Turner**	Mon P5 – Wed P3 – Fri P3– Chemistry paper 1 feedback
11.3	**Miss Bibi** **Mrs Chowdhury** **Miss Bibi**	Mon P5 – Chemistry paper 1 feedback Wed P3 –B15 Measuring Biodiversity Fri P3 – Chemistry paper 2 feedback
11.4	**Ms Ali** **Mr Hoare** **Mr Hoare**	Mon P5 – Chemistry paper 1 feedback Wed P3 –P13.1 Magnetic fields Fri P3 –p13.2 Electromagnets
11.5	**Mr Ali** **Mr Ali** **Mr Ali** **Mr Hoare** **Mr Hoare**	Tue P1- C12 RP Flame test Tue P2- C12 RP Testing for positive/negative ions Wed P2- C12 Exam question practice on testing for ions Thur P4- EM waves Thur P5- EM Waves – triple component
11.6	**Mr Walsh** **Mr Walsh** **Mr Neylon** **Mrs Ali** **Mrs Ali**	Tue P1- Tue P2- Wed P2- Thur P4- Thur P5-
11.7	**Miss Bibi** **Miss Bibi** **Miss Bibi** **Mr Ali** **Mr Ali**	Tue P1- Chemistry paper 2 feedback Tue P2- Chemistry paper 2 feedback Wed P2- Chemistry paper 2 feedback Thur P4- P12.3 Communication Thur P5- P12.4/5 uses of electromagnetic radiation
11.8	**Mrs Rahman** **Mrs Rahman** **Ms Ali** **Ms Ali** **Ms Ali**	Tue P1- B17.1 Human population Tue P2- B17.2 Land and water pollution Wed P2-Chemistry paper 1 feedback Thur P4- Chemistry paper 2 feedback Thur P5- Chemistry paper 2 feedback

Sixth Form		
Head of Department: Mr C Walsh		
What is your child learning this term?		
Class	**Teacher**	**Lessons, including deadlines & resources**
12B/Sc	**Miss Jones** **Mr Ali** **Ms Jones** **Mr Ali** **Mr Hoare**	Wed P4- Newtons 2nd and 3rd Laws Wed P5- oxidation/reduction/half equations and oxidation states Thur P3- Coefficient of static friction Fri P1- Chemistry assessment atomic structure, spdf, bonding and periodicity Fri P2- Assessment
12A/Bio	**Mrs Chowdhury** **Mrs Chowdhury** **MR NEYLON** **MR NEYLON** **MRS CHOWDURY**	Mon P3- Investigating Transpiration Mon P4 -Translocation Thur P1 - Thur P2 – Fri P5 –Mass transport revision
12C/Ch1	**MS ALI** **MR ALI** **MS ALI** **MR ALI** **MR ALI**	Mon P1- 17.1 Mass spectrometry Tue P5- Chapter 5 shapes of molecules Wed P3- Mass spectrometry application and 17.2 Infra red spectroscopy Fri P3- chapter 2,3,4 and part 5 assessment Fri P4- chapter 2,3,4 and part 5 assessment
12D/Ph	**MR NEYLON** **MR WALSH** **MR WALSH** **MR NEYLON** **MR NEYLON**	Mon P5- 11.8 Refractive index Tue P4- Wed P1 - Thur P4- 11.9 total internal reflection Thur P5- Chapter 11 revision
13B/Bi	**MRS TURNER** **MRS TURNER** **MRS TURNER** **MRS CHOWDURY** **MRS CHOWDURY**	Mon P2-Essay practise Tue P1- Essay practice Tue P2- Essay practice Fri P3- chapter 20 feedback Fri P4- Mock exam feedback
13D/Bi	**MRS TURNER** **MRS TURNER** **MRS CHOWDURY** **MRS CHOWDURY**	Tue P4- Essay practice Tue P5- Essay practice Thur P1-chapter 21 feedback Thur P2- Mock exam feedback
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 23.1 Redox and half equations/titrations Thur p3- chapter 23.2 Electrode potentials Fri P1- Fri P2-
13A/Sc	**MS JONES**	Mon P3- Unit 9C Human reproduction

	MS JONES	Mon P4- Unit 9C Human reproduction
	MR ALI	Wed P3- Unit 9C Human reproduction
	MR ALI	Wed P4- Unit 9C Human reproduction
	MS JONES	Thur P5- Unit 9C Human reproduction
13B/Ph	**MR WALSH**	Mon P2-
	MR NEYLON	Tue P1- Pag 6.1 Plancks constant
	MR NEYLON	Tue P2- Pag 6.1 Plancks constant
	MR WALSH	Fri P3-
	MR WALSH	Fri P4-