Remote Learning Guide

Science

w.c 20 th April 2026

(Week 2)

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 Turnerion at home – we call this remote learning. We want to minimise the impact to your child's eduMrs Turnerion 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 Turnerional performance. We recognise that reading is vitally important to your child's eduMrs Turnerion. 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 Turnerion 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** **MRS TURNER** **MR NEYLON**	Mon P1 SJN- energy adds up Thur P5 CAT- energy dissipation Fri P1 SJN – energy formative (SA) and feedback
7.2	**MR HOARE** **MR ALI** **MRS CHOWDHURY**	Mon P1 – 6.1.15 neutralisation Thur P5 – 6.1.6 making salt theory Fri P1 – 6.1.6 Making salt practical

7.3	**MS ALI** **MRS ALI** **MRS ALI**	Mon P1 – 3.1.3 Energy and power Thu P5 - Energy adds up Fri P1 - Energy dissipation
7.4	**MISS GHANI** **MS GHANI** **MR WALSH**	Mon P1 Acids and alkali assessment Variation Thurs P5 Continuous and discontinuous variation Frid P1 Adaptation to change
7.5	**MR HOARE** **MISS BIBI** **MR HOARE**	Mon P5 – 6.1 .4 Acid strengths Tue P4- 6.1.5 Neutralisation Fri P5 – 6.1.6 making salt theory
7.6	**MRS CHOUDHURY** **MRS CHOUDHURY** **MISS BIBI**	Mon P1 – Acids and alkali assessment Tues P4 – 10.1.1 Variation and 10.1.2 Continuous and discontinuous variation Fri P1 – 10.1.3 Adaptation to change
7.7	**MS ALI** **MS ALI** **MRS ALI**	Mon P1 – 3.2.1 Energy adds up Tues P4 – 3.2.2 - Energy dissipation Fri P1 – 3.2 Formative Assessments 9 ENERGY & Feedback
7.8	**MRS RAHMAN** **MRS RAHMAN** **MRS RAHMAN**	Mon P5 – 6.1.4 Acid strength Tues P4 – 6.1.5. Neutralisation Fri P5 – 6.1.6 Making salt
7N	**MISS BIBI** **MRS RAHMAN** **MRS RAHMAN**	Mon P1 – 6.1.3 Indicators and pH Thur P5 – 6.1.4 Acid strength Fri P1 – 6.1.5 Neutralisation

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 P1 - 2.1.3 - Parallel circuit Wed P4 - 2.1 Revision Thu P3 - 2.1/2.2 Formative Assessment 9 Circuits (PA)
8.2	**MRS RAHMAN** **MS JONES** **MS JONES**	Mon P4- ERR P2.1 Sound waves and Speed (4.1.1) Wed - P4 MIJ P2.2 Loudness and amplitude (4.1.2) Thur P3 –MIJ - Frequency and Pitch (4.1.3)
8.3	**MRS CHOUDHURY** **MRS CHOUDHURY** **MR HOARE**	Mon P1 – Summative feedback Wed P4 - P2.1 Sound waves and Speed (4.1.1) Thu P3 - P2.2 Loudness and amplitude (4.1.2)
8.4	**MS JONES** **MRS RAHMAN** **MRS RAHMAN**	Mon P1 - P2.1 Sound waves and Speed (4.1.1) Wed P4 - P2.2 Loudness and amplitude (4.1.2) Thu P3 - Frequency and Pitch (4.1.3)
8.5	**MRS CHOUDHURY** **MRS RAHMAN** **MRS RAHMAN** **MRS TURNER**	Mon P4- 2.1/2.2 Formative assessment 9 (PA) and feedback Tue P2 - 4.1.1 Sound waves and speed Thur P1 - 4.1.2 Loudness and amplitude Fri P1 – 4.1.3 Frequency and Pitch
8.6	**MR NEYLON** **MR NEYLON** **MR NEYLON** **MS JONES**	Mon P4- SJN 2.1/2.2 Formative Assessment 9 Circuits (PA) & Feedback Tue P2 – SJN P2.1 Sound waves and Speed (4.1.1) Thur P1 – SJN P2.2 Loudness and amplitude (4.1.2) Fri P1 – MIJ Frequency and Pitch (4.1.3)
8.7	**MRS ALI** **MRS ALI** **MISS BIBI** **MISS BIBI**	Mon P4- 2.1.2 Resistance Tue P2 – 2.1.3 series circuits Thur P1 - 2.1.3 parallel circuits Fri P1 - 2.1/2.2 Formative Assessment 9 Circuits (PA)
8.8	**MS GHANI** **MS GHANI** **MS GHANI** **MS GHANI**	Mon P4- Formative assessment Circuits Tue P2 – sound waves and speed Thur P1 –Loudness and amplitude Fri P1 – Frequency and pitch

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	**Ms Bibi** **Mrs Turner** **Ms Bibi** **Mrs Turner**	Tue P5- Formative Assessment PA Thur P2- P2.1 Heat transfer by conduction Fri P2 – P2.2/2.3 Infra-red and more on infra-red Fri P5 – P2.1 Investigating different thermal insulators
9.2	**Mr Walsh** **Ms Ali** **Mr Walsh** **Mrs Chowdhury**	Tue P5- Thur P2-Development of periodic table and Group 1 and 7 trends' review. Fri P2 – Fri P5 – B2 growth and differentiation
9.3	**Mrs Rahman** **Mrs Rahman** **Mrs Rahman** **Mr Ali**	Tue P5- P2.2 Infrared radiation and P2.3 More on infrared Thur P2- P2.4 Investigating specific heat capacity of different metals Fri P2 – P2.4 Follow up analysis of data and calculations Fri P5 – P2 Formative assessment 8 (PA) and feedback
9.4	**Mr Hoare** **Mr Hoare** **Ms Ghani** **Ms Ghani**	Tue P5- P2.4 Investigating specific heat capacity of different metals Thur P2- P2.2 Infrared radiation & P2.3 More on infrared Fri P2 – P2.4 Follow up analysis of data and calculations Fri P5 - P2 Formative assessment 8 (PA) and feedback
9.5	**Mrs Ali** **Mrs Rahman** **Ms Jones** **Mrs Ali**	Wed P3 FKA - P2.4 Follow-up analysis of data and calculations Wed P5 ERR - Summative Assessment 2 - FEEDBACK Thu P4 MIJ P2 Formative Assessment 8 (PA) with FEEDBACK Fri P3 FKA – B3.1/B3.2 Tissues and organs & Human Digestive System
9.6	**Ms Bibi** **Ms Bibi** **Ms Bibi** **Ms Jones**	Wed P3– IQB P2.4 Follow-up analysis of data and calculations Wed P5 IQB Summative Assessment 2 – FEEDBACK Thur P4 IQB B3.1/B3.2 Tissues and organs & Human Digestive System Fri P3 – MIJ B3.3 Chemistry of food
9.7	**Mrs Rahman** **Mr Neylon** **Mrs Rahman** **Mrs Turner**	Wed P3- C2.3 Group 1 elements Wed P5 – Specific heat capacity practical Thur P4- C2.4 Group 7 elements Fri P3- C2.5 Explaining trends of group 1 and group 7
9.8	**Ms Ghani** **Ms Ghani** **Ms Ghani** **Ms Ghani**	Wed P3-Thermal insulators Wed P5 –Infra red radiation Thur P4-Specific heat capacity Fri P3- follow up data analysis and calculations

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 NEYLON** **MR HOARE**	Mon P3- Response to exercise Tue P1-C7.6 Fuel cells Wed P1 – Anaerobic respiration / plants and yeast Wed P2 – P7 revision
10.2	**MR HOARE** **MR ALI** **MR HOARE** **MR ALI**	Mon P3-P7 Revision Tue P1- C6.3 Extraction of Aluminium Wed P1 – P7 Assessment Wed P2 – C6.4 Electrolysis of aqueous solution
10.3	**MRS RAHMAN** **MS JONES** **MS JONES** **MRS RAHMAN**	Mon P3- B10.1 Principles of homeostasis Tue P1- P10.3 Hookes Law Wed P1 – P10 Assessment Wed P2 – B10.2 Nervous system
10.4	**MRS ALI** **MRS CHOUDHURY** **MRS ALI** **MRS CHOUDHURY**	Mon P3 – C8 Formative assessment Tue P1- Radiation Assessment Wed P1 – C1 Revision Wed P2 – P8.1 Vectors and scalars
10.5	**MS ALI** **MS JONES** **MS ALI** **MRS TURNER** **MRS TURNER**	Tue P2 – Energy profiles, bond making/breaking ID, warming up/cooling down. Tue P5 – P8.4 Centre of mass Wed P5 - Bond energy calculations Thur P1 – required practical - photosynthesis Fri P2 –Follow up to practical
10.6	**MR HOARE** **MRS ALI** **MR HOARE** **MRS ALI** **MRS ALI**	Tue P2 –P7 revision Tue P5 – C6 Revision Wed P5 –P7 assessment Thur P1 – C8 Formative assessment Fri P2 – C7.1 Exothermic and endothermic
10.7	**MRS CHOUDHURY** **MRS CHOWDHURY** **MRS CHOUDHURY** **MR HOARE** **MRS CHOWDHURY**	Tue P2 – C9.1 Hydrocarbons Tue P5 – B10 revision/formative assessment Wed P5 –C9.2 Fractional distillation Thur P1 – P10.1 Forces and acceleration Fri P2 – P10.2 Weight and terminal velocity
10.8	**MS JONES** **MS ALI** **MRS ALI** **MS ALI**	Tue P2 –P9 Assessment Tue P5 – Required practical(temperature changes) Wed P5 – B10.3 Reflex Thur P1 – Energy profiles

	MS JONES	Fri P2 –P10.1 Force and acceleration

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** **MRS CHOUDHURY** **MR NEYLON** **MR NEYLON** **MR NEYLON** **MR NEYLON**	Mon P2- Haber process Mon P3- Making fertilisation in labs and industries Tue P3- cycling of materials Wed P2 – pollution Thur P4 - global warming Fri P4 - competition and adaption in animals and plants
11.2	**MRS TURNER** **MRS TURNER** **MRS TURNER** **MRS ALI** **MRS ALI** **MRS TURNER**	Mon P2- Required Practical - Photosynthesis Mon P3- Required Practical – follow up Tue P3- Respiration Wed P2 – Blood glucose & Treating diabetes Thur P4 - Elasticity Fri P4 - Required Practical – Energy Changes
11.3	**MS JONES** **MRS CHOWDHURY** **MISS BIBI** **MS JONES** **MRS CHOWDHURY** **MS JONES**	Mon P2- P5 revision Electricity in the home Mon P3- RP theory reaction time/quadrats Tue P3- Revision – Molecules and matter Wed P2 – P6 revision molecules and matter Thur P4 - Exam Practice-Biology crammer paper 1 Fri P4 - Required practical - Density
11.4	**MS ALI** **MS ALI** **MS ALI** **MS ALI** **MR HOARE** **MR HOARE**	Mon P2- The carbon cycle Mon P3- B16 formative assessment Tue P3- B16 formative assessment feedback and review Wed P2 –C12.1 Finite and renewable resources Thur P4 - Fri P4 -
11.5	**MR HOARE** **MR HOARE** **MR HOARE** **MR HOARE**	Mon P2- Electricity- series, parallel rules Tue P3- Calculation practice electricity Thur P5- Radiation – half life and uses Fri P3- Bio Required practical paper 1
11.6	**MR NEYLON** **MRS ALI** **MR NEYLON** **MR WALSH**	Mon P2- Group 1 and group 7 Tue P3- Ecology Thur P5- Metallic bonding, fullerenes, nanotubules Fri P3-
11.7	**MRS CHOWDHURY**	Mon P2- RP theory Enzymes

	MRS CHOWDHURY	Tue P3- RP theory osmosis
	MRS CHOWDHURY	Thur P5- Exam Practice-Biology crammer paper 1
	MR ALI	Fri P3-
11.8	**MRS RAHMAN**	Mon P2-
	MRS RAHMAN	Tue P3-
	MS ALI	Thur P5- B16 Formative assessment and feedback
	MRS RAHMAN	Fri P3-

Sixth Form		
Head of Department: Mr C Walsh		
What is your child learning this term?		
Class	**Teacher**	**Lessons, including deadlines & resources**
12A/Bi	**MRS CHOWDHURY**	Mon P4- Chloroplast structure
	MRS CHOWDHURY	Mon P5 – Photosynthetic pigments
	MR NEYLON	Tue P4 - Phylogenetics
	MR NEYLON	Tue P5- Diversity within a population
	MR NEYLON	Fri P3 - Species diversity and human activities
13B/Bi	**MRS TURNER**	Mon P5- Gas Exchange Revision
	MRS CHOWDHURY	Tue P1- Revision paper 1
	MRS TURNER	Tue P2- Biodiversity Revision
	MRS CHOWDHURY	Wed P2 - Revision paper 1
	MRS CHOWDHURY	Fri P4 - Revision paper 2
13D/Bi	**MRS TURNER**	Tue P4- Gas Exchange Revision
	MRS TURNER	Tue P5- Biodiversity Revision
	MRS CHOWDHURY	Wed P1- Revision paper 1
	MRS CHOWDHURY	Thur P1 - Revision paper 1
	MRS CHOWDHURY	Thur P2- Revision paper 2
	MRS CHOWDHURY	Fri P3 – Revision paper 2
12C/Ch	**MR WALSH**	Mon P2- Chapter 17 Analytical techniques' exam practise.
	MR WALSH	Mon P3- Chapter 17 Analytical techniques' review
	MR ALI	Tue P2- Chapter 7.3 Periodicity and trends
	MS ALI	Wed P3- Chapter 17 formative assessment and feedback
	MR ALI	Fri P4- Chapter 8.1 Group 2 elements
13A/Ch	**MISS BIBI**	Mon P3- 11.2 PAG
	MISS BIBI	Mon P4- 11.2 PAG
	MR WALSH	Wed P3-
	MR WALSH	Wed P4-
	MISS BIBI	Thur P5- Acid/bases/buffers revision
13C/Ch	**MR ALI**	Tue P3- Chapter 24.4 Ligand substitution
	MR WALSH	Thur P3-
	MR WALSH	Thur P4-
	MR ALI	Fri P1- Chapter 24.5 Ligand substitution and precipitation
	MR ALI	Fri P2- Ligand substitution and precipitation RP
12 B Sc	**MS JONES**	Wed P5- Series and parallel circuits
	MR ALI	Thur P3- Enthalpy diagrams, bond enthalpy calculations
	MR ALI	Thur P4- Kc, Kp, atom economy calculations
	MR HOARE	Fri P1- Integration of hormone and nervous contol

	MR HOARE	Fri P2- Revision of cell structure
13 A Sc	**MS JONES**	Mon P3-Unit 3 revision - Circuits
	MS JONES	Mon P4- Unit 3 revision – Burning fuels
	MR ALI	Wed P3- Unit 3 revision - Diffusion
	MR ALI	Wed P4- Unit 3 revision - Quadrats
	MS JONES	Thur P5- Unit 3 revision - Enzymes
12D/Ph	**MR NEYLON**	Tue P1- Chapter 12 feedback
	MR NEYLON	Wed P4- 14.2 Solids, liquids gases
	MR WALSH	Thur P1-
	MR WALSH	Thur P2-
	MR WALSH	Fri P5-
13B/Ph	**MR NEYLON**	Mon P5- Exam questions Waves 2
	MR WALSH	Tue P1-
	MR WALSH	Tue P2-
	MR WALSH	Wed P2-
	MR WALSH	Fri P4-