

Remote Learning Guide

Science



w.c 4th May 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 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 educational performance. We recognise that reading is vitally important to your child's education. 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 Education 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 – Bank holiday Thur P5 – acids and alkalis Fri P1 – indicators and pH
7.2	MR HOARE MR ALI MRS CHOWDHURY	Mon P1 – 10.1.3 adapting to change Thur P5 – 10.2.1 Adolescence Fri P1 – 10.2.2 reproductive system
7.3	MS ALI MRS ALI MRS ALI	Mon P1 – Bank holiday Thu P5 - 6.1.1 chemical reactions Fri P1 - 6.1.2 Acids and Alkali
7.4	MISS BIBI MS GHANI MR WALSH	Mon P1 - Bank holiday Thurs P5 Fertilisation and implantation Frid P1 Development of the foetus
7.5	MR HOARE MISS BIBI MR HOARE	Mon P5 – Bank holiday Tue P4- 10.1.1 Variation Fri P5 – 10.1.2 Continuous variation
7.6	MRS CHOUDHURY MRS CHOUDHURY MISS BIBI	Mon P1 – Bank holiday Tues P4 – 10.2.3 Fertilisation and implantation Fri P1 – 10.2.4 Development of the foetus
7.7	MS ALI MS ALI MRS ALI	Mon P1 – Bank holiday Tues P4 – 6.1.3 Indicators & pH Fri P1 – 6.1.4 Acid Strength
7.8	MRS RAHMAN MRS RAHMAN MRS RAHMAN	Mon P5 – Bank holiday Tues P4 – 10.1.3 Adapting to change Fri P1 – 10.2.1 Adolescence
7N	MISS BIBI MRS RAHMAN MRS RAHMAN	Mon P1 – Bank holiday Thur P5 – 10.1.1 Variation and continuous and discontinuous Fri P1 – 10.1.3 Adapting to change

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 - Bank holiday Wed P4 - 4.1.4 - The ear and hearing Thu P3 - 4.2.1 Light
8.2	MRS RAHMAN MS JONES MS JONES	Mon P4- ERR Bank hol Wed P4- MIJ 4.2.2 Reflection Thur P3 – MIJ 4.2.3 Refraction
8.3	MRS CHOUDHURY MRS CHOUDHURY MR HOARE	Mon P1 –Bank holiday Wed P4 - 4.2.2 Reflection Thu P3 - 4.2.3 Refraction
8.4	MS JONES MRS RAHMAN MRS RAHMAN	Mon P1 - Bank holiday Wed P4 - 4.2.2 Reflection Thu P3 - 4.2.3 Refraction
8.5	MRS CHOUDHURY MRS RAHMAN MRS RAHMAN MRS TURNER	Mon P4- Bank holiday Tue P2 - 4.2.1 Light Thur P1 - 4.2.3 Refraction Fri P1 – 4.2.2 Reflection
8.6	MR NEYLON MR NEYLON MR NEYLON MS JONES	Mon P4- Bank holiday Tue P2 – Reflection Thur P1 – Refraction Fri P1 – Reflection & Refraction Practical
8.7	MRS ALI MRS ALI MISS BIBI MISS BIBI	Mon P4- Bank holiday 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
8.8	MS GHANI MS GHANI MS GHANI MS GHANI	Mon P4- Bank holiday Tue P2 – Light Thur P1 – reflection Fri P1 – 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	Ms Bibi Mrs Turner Ms Bibi Mrs Turner	Tue P5- P2 Formative assessment PA Thur P2- B3.1/3.2 Organisation and digestion Fri P2 – B3.3 Chemistry of food Fri P5 –Biology challenge
9.2	Mr Walsh Ms Ali Mr Walsh Mrs Chowdhury	Tue P5- Thur P2-The Development of the Periodic Table Fri P2 – Fri P5 –B3 stem cells
9.3	Mrs Rahman Mrs Rahman Mrs Rahman Mr Ali	Tue P5- B3.3 Chemistry of food & Food tests Thur P2- B3.4 Catalyst and enzymes Fri P2 – B3.5 Factors affecting enzymes Fri P5 – B3.6 How digestive system works
9.4	Mr Hoare Mr Hoare Ms Ghani Ms Ghani	Tue P5- B3.1/B3.2 Tissue and organs/Human digestive system Thur P2- B3.3 Chemistry of food Fri P2 – B3.4 Catalyst and enzymes Fri P5 - B3.6 How digestive system works
9.5	Mrs Ali Mrs Rahman Ms Jones Mrs Ali	Wed P3FKA B3.6 How Digestive system works Wed P5 ERR- B3.6 Investigating effect of pH or Temperature on enzyme activity Thur P4 MIJ- B3.6 enzyme prac analysis and write up Fri P3 FKA– B3.7 Making Digestion Efficient
9.6	Ms Bibi Ms Bibi Ms Bibi Ms Jones	Wed P3 IQB B3.6 Investigating effect of pH or Temperature on enzyme activity Wed P5 – IQB B3.6 Enzyme practical analysis and write up Thur P4- IQB B3.7 Making Digestion Efficient Fri P3 – MIJ B3 Formative Assessment 9 (SA) & Feedback
9.7	Mrs Rahman Mr Neylon Mrs Rahman Mrs Turner	Wed P3- L1 organisation Wed P5 – P2 Assessment and feedback Thur P4- L2 Digestive system Fri P3- L3 Chemistry of food & food tests
9.8	Ms Ghani Ms Ghani Ms Ghani Ms Ghani	Wed P3- The chemistry of food Wed P5 –Catalysts and enzymes Thur P4- How the digestive system works Fri P3- Investigating the effect of pH or temperature on enzyme activity

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-Bank holiday Tue P1- Wed P1 – Respiration assessment and feedback Wed P2 – pP7 Feedback
10.2	MR HOARE MR Ali MR HOARE MR ALI	Mon P3-RP – Bank holiday Tue P1- Wed P1 – B9 L1 Aerobic respiration Wed P2 –
10.3	MRS RAHMAN MS JONES MS JONES MRS RAHMAN	Mon P3- Bank holiday Tue P1- Paper 1 revision – specific heat capacity Wed P1 – Revision paper 1 – Thermal insulators Wed P2 – Revision paper 1 – Osmosis required practical
10.4	MRS ALI MRS CHOUDHURY MRS ALI MRS CHOUDHURY	Mon P3 –Bank holiday Tue P1- P8.2 Forces between objects Wed P1 – Wed P2 – P8.3 Resultant forces
10.5	MS ALI MS JONES MS ALI MRS TURNER MRS TURNER	Tue P2 – Bond energy calculation and C7 review Tue P5 – Revision Paper 1 – Resistance in a wire Wed P5 - Chemical cells and batteries (including practical) Thur P1 – B9.1 Aerobic respiration Fri P2 – B9.2 Anaerobic respiration and response to exercise
10.6	MR HOARE MRS ALI MR HOARE MRS ALI MRS ALI	Tue P2 –P8 L1 Tue P5 – C7.1 Endothermic and exothermic Wed P5 –P8 L2 Thur P1 – C7.1 Exothermic required pract Fri P2 – C7.2 uses of energy transfer
10.7	MRS CHOUDHURY MRS CHOWDHURY MRS CHOUDHURY MR HOARE MRS CHOWDHURY	Tue P2 – C9.3 Burning hydrocarbon Tue P5 – P10.5 Forces and elasticity Wed P5 - C9.4 Cracking hydrocarbons Thur P1 – P10 Required practical/Demo Fri P2 – Revision/Formative assessment

10.8	MS JONES MS ALI MRS ALI MS ALI MS JONES	Tue P2 – Revision paper 1 – resistance in a wire Tue P5 – Temperature change required practical Wed P5 – B10 Revision Thur P1 –C7 Energy Changes Formative Assessment and Feedback Fri P2 – Revision paper 1 - Density
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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- Bank holiday Mon P3-Bank holiday Tue P3- maintaining biodiversity / trophic levels and biomass Wed P2 – biomass transfers / factors affecting food security Thur P4 - making food production efficient / sustainable food production Fri P4 - magnetic fields / magnetic fields of electric current
11.2	MRS TURNER MRS TURNER MRS TURNER MRS ALI MRS ALI MRS TURNER	Mon P2- Bank holiday Mon P3- Bank holiday Tue P3- Rates of reaction Wed P2 – History of atmosphere Thur P4 - Water treatment Fri P4 - Reaction time practical
11.3	MS JONES MRS CHOWDHURY MISS BIBI MS JONES MRS CHOWDHURY MS JONES	Mon P2- Bank holiday Mon –Bank holiday Tue P3- Wed P2 – Paper 1 past paper exam practice Thur P4 - Paper 1 Biology revision Fri P4 - Paper 1 past paper exam practice
11.4	MS ALI MS ALI MS ALI MS ALI MR HOARE MR HOARE	Mon P2- Bank holiday Mon P3- Tue P3- Treating waste water Wed P2 –Making potable water Thur P4 - B14 Sumamry Fri P4 –B14 Summary part 2
11.5	MR HOARE MR HOARE MR HOARE MR HOARE	Mon P2- Bank holiday Tue P3- Physics Paper 1 RPs Thur P5- Maths in biology revision Fri P3- Bio Paper 1 Rev B7/B8

11.6	MR NEYLON MRS ALI MR NEYLON MR WALSH	Mon P2- Tue P3- Microscopy Thur P5- Enzyme Fri P3- practical req practical practical	Bank holiday
11.7	MRS CHOWDHURY MRS CHOWDHURY MRS CHOWDHURY MR ALI	Mon P2- Bank holiday Tue P3- Paper 1 Biology revision Thur P5- Paper 1 Biology revision Fri P3-	
11.8	MRS RAHMAN MRS RAHMAN MS ALI MRS RAHMAN	Mon P2- BANK HOLIDAY Tue P3- Revision – required practical Thur P5- Life Cycle Assessment and Recycle/reduce/reuse Fri P3- Revision – required practical	

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 MRS CHOWDHURY MR NEYLON MR NEYLON MR NEYLON	Mon P4- Bank holiday Mon P5 – Bank holiday Tue P4 - Statistics Tue P5- Biodiversity topic test Fri P3 - Biodiversity feedback
13B/Bi	MRS TURNER MRS CHOWDHURY MRS TURNER MRS CHOWDHURY MRS CHOWDHURY	Mon P5- Bank holiday Tue P1- Revision-paper 2 Tue P2- Nervous system Wed P2 - Revision-paper 2 Fri P4 - Revision-paper 2
13D/Bi	MRS TURNER MRS TURNER MRS CHOWDHURY MRS CHOWDHURY MRS CHOWDHURY MRS CHOWDHURY	Tue P4- Revision paper 2 Nervous system Tue P5- Revision paper 2 Muscles Wed P1- Revision-paper 2 Thur P1 - Revision-paper 2 Thur P2- Revision-paper 2 Fri P3 – Revision-paper 2
12C/Ch	MR WALSH MR WALSH MR ALI MS ALI MR ALI	Mon P2- Bank holiday Mon P3- BANK HOLIDAY Tue P2- Wed P3- Benzene Fri P4-
13A/Ch	MISS BIBI MISS BIBI MR WALSH MR WALSH MISS BIBI	Mon P3- Bank holiday Mon P4- BANK HOLIDAY Wed P3- Wed P4- Thur P5-
13C/Ch	MR ALI MR WALSH MR WALSH	Tue P3- Thur P3- Thur P4-

	MR ALI MR ALI	Fri P1- Fri P2-
12 B Sc	MS JONES MR ALI MR ALI MR HOARE MR HOARE	Wed P5- Electrical energy and power Thur P3- Thur P4- Fri P1- Rev Nerves, NT , synapses and the brain Fri P2- Water, Monsaccahrises and polysaccharides
13 A Sc	MS JONES MS JONES MR ALI MR ALI MS JONES	Mon P3- BANK HOLIDAY Mon P4- Unit 1 revision - Physics Wed P3- Wed P4- Thur P5- Unit 1 revision - Physics
12D/Ph	MR NEYLON MR NEYLON MR WALSH MR WALSH MR WALSH	Tue P1- Specific heat capacity PAG 11 Wed P4- Specific heat capacity PAG 11 Thur P1- Thur P2- Fri P5-
13B/Ph	MR NEYLON MR WALSH MR WALSH MR WALSH MR WALSH	Mon P5- BANK HOLIDAY Tue P1- Tue P2- Wed P2- Fri P4-