

# Remote Learning Guide

## Science



w.c 11<sup>th</sup> May 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 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   |         |  |
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| <b>Head of Department: Mr C Walsh</b>  |         |  |
| <b>What is your child learning this term?</b>  |         |  |
| 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 |

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| <b>7.1</b> | <b>Mr Neylon<br/>Mr Neylon<br/>Miss Bibi</b>        | Tue P4 SJN – acid strength<br>Wed P4 SJN – Neutralisation<br>Fri P1 IQB– Making salts theory  |
| <b>7.2</b> | <b>Mr Hoare<br/>Mrs Chowdhury<br/>Mrs Chowdhury</b> | Tue P4 – 10.2.3 fertilisation and implantation<br>Wed P4 –10.2.4 development of the foetus<br>Fri P1 – 10.2.3 Menstrual cycle       |
| <b>7.3</b> | <b>Ms Ali<br/>Ms Ali<br/>Mrs Ali</b>                | Tue P4 - 6.1.3 Indicators & pH<br>Wed P4 - 6.1.4 Acid Strength<br>Fri P1 – 6.1.5 Neutralisation                                     |
| <b>7.4</b> | <b>Ms Ghani<br/>Ms Ghani<br/>Ms Ghani</b>           | Tue P4 – Development of the foetus<br>Wed P4 – The Menstrual cycle<br>Fri P1 – Formative assessment                                 |
| <b>7.5</b> | <b>Mr Hoare<br/>Miss Bibi<br/>Miss Bibi</b>         | Tue P3 - 10.1.3 Adapting to change<br>Thur P3 - 10.2.1 Adolescence<br>Fri P2 - 10.2.2 Reproductive systems                          |
| <b>7.6</b> | <b>Mrs Choudhury<br/>Ms Ghani<br/>Ms Ghani</b>      | Tue P3 –10.2.3 Menstrual cycle<br>Thur P3 - Revision for 10.1 and 10.2<br>Fri P2 - 10.1 and 10.2 Formative assessment (SA)          |
| <b>7.7</b> | <b>Ms Ali<br/>Ms Ali<br/>Mrs Ali</b>                | Tue P3 - 6.1.5 Neutralisation<br>Thur P3 – 6.1.6 Making Salts<br>Fri P2 - 6.1 Formative Assessments 10 ACIDS & ALKALI with Feedback |
| <b>7.8</b> | <b>Mrs Ali<br/>Mrs Ali<br/>Mrs Rahman</b>           | Tue P3 - 10.2.2 Reproductive systems<br>Thur P3 – 10.2.3 fertilisation and implantation<br>Fri P2 - 10.2.4 Development of foetus    |
| <b>7N</b>  | <b>Mrs Rahman<br/>Miss Bibi</b>                     | Tues – 10.2.1 Adolescence<br>Wed P4 – 10.2.2 Reproductive systems<br>Fri P1 – 10.2.3 Fertilisation and Implantation                 |

| <b>Year 8</b>  |   |   |
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| <b>Head of Department: Mr C Walsh</b>  |   |   |
| <b>What is your child learning this term?</b>  |   |   |
| <p>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.</p> |   |   |
| <b>Class</b>   | <b>Teacher</b>                                      | <b>Lessons, including deadlines &amp; resources</b>   |
| <b>8.1</b>   | <b>Mrs Ali<br/>Mrs Ali<br/>Mrs Ali</b>              | Mon P4- The ear and hearing<br>Wed P1- 4.2.3 Refraction<br>Thur P2 - 4.2.2 Reflection                                       |
| <b>8.2</b>   | <b>Mrs Rrahman<br/>Mrs Rrahman<br/>Ms Jones</b>     | Mon P4- ERR 4.2.2/3 Reflection & Refraction Practical<br>Wed P1- ERR 4.2.4 The eye and Vision<br>Thur P2 – MIJ 4.2.5 Colour |
| <b>8.3</b>   | <b>Mrs Choudhury<br/>Mrs Choudhury<br/>Mr Hoare</b> | Mon P4- 4.2.4 The eye and Vision<br>Wed P1- 4.2.5 Colour<br>Thur P2 – 4.2 Formative assessment 9 lights (PA)                |

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| <b>8.4</b> | <b>Mrs Rahman<br/>Mr Hoare<br/>Mrs Rahman</b> | Mon P4- 4.2.2/3 Reflection & Refraction Practical<br>Wed P1- 4.2.2/3 Reflection & Refraction Practical<br>Thur P2 - 4.2.4 The eye and Vision |
| <b>8.5</b> | <b>Mrs Choudhury<br/>Mrs Rahman</b>           | Mon P1- The eye and vision<br>Fri P3- The colour   |
| <b>8.6</b> | <b>Mr Neylon<br/>Ms Jones</b>                 | Mon P1- The eye and Vision<br>Fri P3- Colour   |
| <b>8.7</b> | <b>Miss Bibi<br/>Mrs Ali</b>                  | <b>Mon P1-</b> 4.1.4 - The ear and hearing<br><b>Fri P3-</b> 4.2.1 Light   |
| <b>8.8</b> | <b>Ms Ghani<br/>MS Ghani</b>                  | <b>Mon P1-</b> Colour and the eye<br><b>Fri P3-</b> Light assessment   |

| <b>Year 9</b>   |   |  |
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| <b>Head of Department: Mr C Walsh</b>   |   |  |
| <p><b>Wha</b> 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. <b>t is your child learning this term?</b></p> |   |  |
| <b>Class</b>  | <b>Teacher</b>  | <b>Lessons, including deadlines &amp; resources</b>  |
| <b>9.1</b>  | <b>Mrs Ali<br/>Mrs Ali<br/>Mrs Ali<br/>Ms Bibi</b>                | Tue P4- B3.4 Catalysts & Enzymes<br>Tue P5- B3.3 Chemistry of food – food test<br>Wed P2- B3.5 Factors affecting enzymes<br>Wed P5 - B3.6 How Digestive system works           |
| <b>9.2</b>  | <b>Mrs Chowdhury<br/>Ms Ali<br/><br/>Mrs Chowdhury<br/>Ms Ali</b> | Tue P4-B3 Digestive system<br>Tue P5-Formative assessment and feedback (SA)<br>Wed P2-B3 Food tests<br>Wed P5 - C3.1 States of Matter and atoms into ions                      |
| <b>9.3</b>  | <b>Mrs Rahman<br/>Mrs Rahman<br/>Mrs Rahman<br/>Mrs Rahman</b>    | Tue P4- B3.6 Investigating effect of pH or temperature on enzymes activity<br>Tue P5- B3.7 Making digestion efficient<br>Wed P2- B9 Revision<br>Wed P5 – B9 Assessment         |
| <b>9.4</b>  | <b>Mrs Choudhury<br/>Mr Hoare<br/>Mr Hoare<br/>Mr Hoare</b>       | Tue P4- B3.6 Investigating effect of pH on enzyme activity<br>Tue P5- B3.6 enzyme prac analysis and write up<br>Wed P2- B3.7 Making Digestion Efficient<br>Wed P5 –B3 Revision |
| <b>9.5</b>  | <b>Ms Jones<br/>Ms Jones<br/>Mrs Ali</b>                          | Tue P3 MIJ- B3 Formative Assessment 9 (SA) & Feedback<br>Tue P5 MIJ C3.1 States of Matter<br>Wed P5 FKA - C3.2 Atoms into Ions   |

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|            | <b>Ms Jones</b>  | Thur P4 MIJ– C3.3 Ionic Bonding & Giant Ionic structures   |
| <b>9.6</b> | <b>Ms Bibi</b><br><b>Ms Bibi</b><br><b>Ms Jones</b><br><b>Ms Bibi</b>          | Tue P3- IQB C3.1 States of Matter<br>Tue P5 IQB C3.2 Atoms into Ions<br>Wed P5- MIJ C3.3 Ionic Bonding<br>Thur P1 – IQB C3.4 Giant Ionic structures  |
| <b>9.7</b> | <b>Mrs Rahman</b><br><b>Mr Neylon</b><br><b>Mr Neylon</b><br><b>Mrs Rahman</b> | Tue P3- B3.3 Chemistry of food<br>Tue P5- P3.1 Energy demands<br>Wed P5- P3.2 Energy from wind and water<br>Thur P4 – B3.5 Factors affecting enzymes |
| <b>9.8</b> | <b>Ms Ghani</b><br><b>Ms Ghani</b><br><b>Ms Ghani</b><br><b>Ms Ghani</b>       | Tue P3-Making digestion efficient<br>Tue P5-Formative assessment and feedback (SA)<br>Wed P5-States of matter<br>Thur P4 –Atoms into ions            |

| <b>Year 10</b>   |  |  |
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| <b>Head of Department: Mr C Walsh</b>  |  |  |
| <b>What is your child learning this term?</b>  |  |  |
| 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 |  |  |
| <b>Class</b>   | <b>Teacher</b>   | <b>Lessons, including deadlines &amp; resources</b>  |
| <b>10.1</b>  | <b>Mr Neylon</b><br><b>Miss Bibi</b><br><b>Mr Hoare</b><br><b>Mr Hoare</b><br><b>Miss Bibi</b> | Mon P2- Homeostasis<br>Wed P1 – C8.2 Collision theory and Surface area<br>Thur P3-<br>Fri P1 –<br>Fri P4 – |
| <b>10.2</b>  | <b>Mr Hoare</b>  | Mon P2- B9 L2 Animal anaerobic respiration   |

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|             | <b>Mr Ali</b><br><b>Mrs Turner</b><br><b>Mrs Turner</b><br><b>Mrs Turner</b>                       | Wed P1 – C7.2 Bond energy calculations and RP<br>Thur P3- B8.5 Transpiration and uses of glucose<br>Fri P1 – B9 L3 Response to exercise<br>Fri P4 – B9 L4 Plant and yeast Anaerobic respiration   |
| <b>10.3</b> | <b>Mrs Rahman</b><br><b>Ms Jones</b><br><b>Mrs Rahman</b><br><b>Ms Jones</b><br><b>Ms Jones</b>    | Mon P2-<br>Wed P1 – Revision paper 1 resistance in a wire<br>Thur P3-<br>Fri P1 – Paper 1 revision - Radiation<br>Fri P4 – Paper 1 revision Past paper practice                                   |
| <b>10.4</b> | <b>Mrs Choudhury</b><br><b>Mr Neylon</b><br><b>Mr Neylon</b><br><b>Mr Neylon</b><br><b>Mrs Ali</b> | Mon P2- P8.4 Centre of mass<br>Wed P1 – Homeostasis<br>Thur P3- Nervous system<br>Fri P1 – Reflex Arc<br>Fri P4 – Chem Paper 1 Revision - Bonds   |
| <b>10.5</b> | <b>Miss Turner</b><br><b>Ms Ali</b><br><b>Ms Jones</b><br><b>Ms Jones</b>                          | Mon P1 - Anaerobic respiration in plants & Yeast<br>Mon P2 - Hydrogen cells and C7 revision<br>Tue P1 - Revision Paper 1 – Thermal insulators<br>Tue P2 - Revision paper 1 –Electrical components |
| <b>10.6</b> | <b>Mr Hoare</b><br><b>Mrs Ali</b><br><b>Mr Hoare</b>   | Mon P1 -<br>Mon P2 - C7.3 - Reaction Profiles<br>Tue P1 -<br>Tue P2 -   |
| <b>10.7</b> | <b>Mrs Chowdhury</b><br><br><br><b>Mrs Choudhury</b>   | Mon P1 –Physics revision<br>Mon P2 – B10 feedback lesson<br>Tue P1 – Physics revision<br>Tue P2 –C9 formative test  |
| <b>10.8</b> | <b>Mrs Ali</b><br><b>Ms Jones</b><br><b>Ms Ali</b><br><b>Mrs Ali</b>                               | Mon P1 - B1 +B2 cell revision<br>Mon P2 - Paper 1 revision P4 circuits<br>Tue P1 – C7 formative assessment and feedback SA<br>Tue P2 - B3 – Food test req practical                               |

| <b>Year 11</b>  |  |   |
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| <b>Head of Department: Mr C Walsh</b>   |  |   |
| <b>What is your child learning this term?</b>   |  |   |
| 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. |  |   |
| <b>Class</b>  | <b>Teacher</b>   | <b>Lessons, including deadlines &amp; resources</b>   |
| <b>11.1</b>   | <b>Mrs Choudhury</b><br><b>Mr Neylon</b><br><b>Mr Neylon</b> | Mon P5 – Paper 1 revision Electrolysis<br>Wed P3 – electromagnets in devices / motor effect<br>Fri P3 – generator effect / AC generator |

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| <b>11.2</b> | <b>Mrs Ali<br/>Mrs Ali<br/>Mrs Turner</b>                          | Mon P5 – Bio paper 1 revision – Cells, cell division, heart<br>Wed P3 – Bio Paper 1 revision – Digestion, diseases<br>Fri P3– Chemistry paper 1 revision  |
| <b>11.3</b> | <b>Miss Bibi<br/>Mrs Chowdury<br/>Miss Bibi</b>                    | Mon P5 –<br>Wed P3 –Paper 2 Biology revision<br>Fri P3 –  |
| <b>11.4</b> | <b>Ms Ali<br/>Mr Hoare<br/>Mr Hoare</b>                            | Mon P5 – Treating waste water<br>Wed P3 –<br>Fri P3 –   |
| <b>11.5</b> | <b>Mr Ali<br/>Mr Ali<br/>Mr Ali<br/>Mr Hoare<br/>Mr Hoare</b>      | Tue P1- Chemistry paper 1 revision Bonding<br>Tue P2- Chemistry paper 1 revision Electrolysis<br>Wed P2- Chemistry paper 1 revision exam questions<br>Thur P4-<br>Thur P5-  |
| <b>11.6</b> | <b>Mr Walsh<br/>Mr Walsh<br/>Mr Neylon<br/>Mrs Ali<br/>Mrs Ali</b> | Tue P1-<br>Tue P2-<br>Wed P2- temperature change required practical / electrolysis required practical<br>Thur P4- Bio paper 1 revision – Cells, cell division, heart<br>Thur P5- Bio Paper 1 revision – Digestion, diseases |
| <b>11.7</b> | <b>Miss Bibi<br/>Miss Bibi<br/>Miss Bibi<br/>Mr Ali<br/>Mr Ali</b> | Tue P1-<br>Tue P2-<br>Wed P2-<br>Thur P4- Physics paper 1 revision Energy stores/transfer<br>Thur P5- Physics paper 1 revision Electricity  |
| <b>11.8</b> | <b>Mrs Rahman<br/>Mrs Rahman<br/>Ms Ali<br/>Ms Ali<br/>Ms Ali</b>  | Tue P1-<br>Tue P2-<br>Wed P2-Life cycle assessment<br>Thur P4-Recyle, reduce, reuse<br>Thur P5-C12 revision and formative assessment  |

| <b>Sixth Form</b>                             |   |  |
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| <b>Head of Department: Mr C Walsh</b>         |   |  |
| <b>What is your child learning this term?</b> |   |  |
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| <b>Class</b>                                  | <b>Teacher</b>                                      | <b>Lessons, including deadlines &amp; resources</b>  |
| <b>12B/Sc</b>                                 | <b>Mis Jones<br/>Mr Ali<br/>Ms Jones<br/>Mr Ali</b> | Wed P4- Using electricity and apnces<br>Wed P5- Kc, Kp and Hess' Law calculations<br>Thur P3- Circuits assessment<br>Fri P1- Kc, Kp and Hess' Law calculations |

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| <b>12A/Bio</b> | <b>Mrs Chowdhury<br/>Mrs Chowdhury<br/>MR NEYLON<br/>MR NEYLON<br/>MRS CHOWDURY</b> | Mon P3- Light independent reaction<br>Mon P4 – Limiting factors<br>Thur P1 - Survival and response<br>Thur P2 – Plant growth factors<br>Fri P5 – photosynthesis revision   |
| <b>12C/Ch1</b> | <b>MS ALI<br/>MR ALI<br/>MS ALI<br/>MR ALI<br/>MR ALI</b>                           | Mon P1- Benzene and its reactions<br>Tue P5- Chapter 7.3 melting points<br>Wed P3-<br>Fri P3- Chapter 7.4 periodic table trends<br>Fri P4- Chapter 8 group 2 and redox reactions of quantitative chemistry           |
| <b>12D/Ph</b>  | <b>MR NEYLON<br/>MR WALSH<br/>MR WALSH<br/>MR NEYLON<br/>MR NEYLON</b>              | Mon P5- Thermal end of topic test<br>Tue P4-<br>Wed P1 -<br>Thur P4- Thermal end of topic feedback<br>Thur P5- 15.1 kinetic theory of gases  |
| <b>13B/Bi</b>  | <b>MRS TURNER<br/>MRS TURNER<br/>MRS TURNER<br/>MRS CHOWDURY<br/>MRS CHOWDURY</b>   | Mon P2- Paper 2 Revision<br>Tue P1- Paper 2 Revision<br>Tue P2- Paper 2 revision<br>Fri P3-Paper 3 revision<br>Fri P4- Paper 3 revision  |
| <b>13D/Bi</b>  | <b>MRS TURNER<br/>MRS TURNER<br/>MRS CHOWDURY<br/>MRS CHOWDURY</b>                  | Tue P4- Paper 2 revision<br>Tue P5- Paper 2 revision<br>Thur P1- Paper 3 revision<br>Thur P2- Paper 3 revision   |
| <b>13A/Ch</b>  | <b>MR WALSH<br/>MR WALSH<br/>MR WALSH<br/>MISS BIBI<br/>MISS BIBI</b>               | Mon P3-<br>Mon P4-<br>Wed P3-<br>Wed P4-<br>Thur P5-   |
| <b>13C/Ch</b>  | <b>MR WALSH<br/>MR ALI<br/>MR ALI<br/>MR WALSH<br/>MR WALSH</b>                     | Mon P5-<br>Tue P3- Chemistry Paper 2/3 revision Buffer calculations<br>Thur p3- Chemistry Paper 2/3 revision Electrochemistry calculations<br>Fri P1-<br>Fri P2-   |
| <b>13A/Sc</b>  | <b>MS JONES<br/>MS JONES<br/>MR ALI<br/>MR ALI<br/>MS JONES</b>                     | Mon P3- Unit 1 revision - physics<br>Mon P4- Unit 1 revision - physics<br>Wed P3- Unit 1 revision – chemistry bonding<br>Wed P4- Unit 1 revision – chemistry mole calculations<br>Thur P5- Unit 1 revision - physics |
| <b>13B/Ph</b>  | <b>MR WALSH<br/>MR NEYLON<br/>MR NEYLON<br/>MR WALSH<br/>MR WALSH</b>               | Mon P2-<br>Tue P1 – Radioactivity PAG<br>Tue P2 – Radioactivity PAG<br>Fri P3-<br>Fri P4-  |