

Remote Learning Guide

Design Technology



W.C 23rd March

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.

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. Pupils can access the Teams through their school email accounts. Teachers will also set homework and send messages to their pupils 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. The guides are also shared with students on their year group's MS Teams. 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.

Pupils are also regularly set tasks and can access resources using the following platforms:

- **GCSEPod** - <https://www.gcsepod.com/>
- **Bedrock learning** - <https://bedrocklearning.org/>
- **Seneca** - <https://senecalearning.com/en-GB/>
- **UpLearn** - www.uplearn.co.uk
- **Sparx Maths** - <https://sparxmaths.com/>

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>

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. Students may access online news resources using The Day - <https://theday.co.uk/> or they may borrow a book from the school library.

Students record the passwords for these online resources in their school planner. If your child is unable to access the digital resources set by their teachers, please contact your child's Year Manager or Year Coordinator or the school directly using this email address: enquiry@holte.bham.sch.uk

Year 7

Head of Department: Mrs Thomas – V.thomas@holte.bham.sch.uk

What is your child learning this term?

This term pupils will complete 1 of 2 modules either Food or Textiles module. Textiles will enable them to develop their technical drawing skills and understanding of how a product is designed and made. Throughout the unit pupils will learn to communicate ideas visually and make a textiles product. The other unit food studies where pupils will learn all about food safety, nutrients and where food comes from, food choices, food science and completing food practical tasks. Which ever your child has not completed this term they will complete after February half term.

ALL WORK SHOULD BE EMAILED TO YOUR TEACHER BY 3PM ON FRIDAY

All resources can be found in there Technology teams channel.

Class	Teacher	Lessons, including homework deadlines & resources
Textiles		
7.1	Mr Allen	Dyeing fabrics
7.4	Mr Allen	Dyeing fabrics
7.5	Mr Allen	Dyeing fabrics
7.8	Mr Allen	Dyeing fabrics
Food		
7.2	Ms Chikte	Food Origins
7.3	Ms Chikte	Nutrition through life
7.6	Ms Chikte	Assessment revision
7.7	Miss Davison	Nutrition through life
Technology		
7N	Mrs Thomas	Nutrition through life

Year 8

Head of Department: Mrs Thomas – V.thomas@holte.bham.sch.uk

What is your child learning this term?

This term pupils will complete 1 of 2 modules either resistant materials in which pupils will learn about the types of wood and plastics used in products. They will design and make an autometer toy. Alternatively food studies. Which involves learning all about food safety, nutrients and where food comes from, food choices, food science and completing food practical tasks. Which ever your child has not completed this term they will complete after February half term.

ALL WORK SHOULD BE EMAILED TO YOUR TEACHER BY 3PM ON FRIDAY

Class	Teacher	Lessons, including homework deadlines & resources
Resistant materials		
8.1	Mr Allen	Mechanisms – levers and linkages
8.4	Ms Chowdhury	Mechanisms
8.5	Mr Allen	Mechanisms – levers and linkages
8.8	Mr Allen	Mechanisms – levers and linkages
Food		
8.2	Ms Chowdhury	Religious Diet Continued
8.3	Ms Chikte	Farming methods
8.6	Ms Chikte	Farming methods
8.7	Ms Chikte	Costing Farming methods

Year 9

Head of Department: Mrs Thomas – V.thomas@holte.bham.sch.uk

What is your child learning this term?

Pupils will complete one of two modules, either Food Studies or Graphics. In food studies pupils will learn about the science behind food such as the functions of ingredients, heat application and the chemical structure of nutrients. In Graphics pupils will design and model a modern and eco friendly room. They will create a 3D model which will be used in their end of topic presentation.

ALL WORK SHOULD BE EMAILED TO YOUR TEACHER BY 3PM ON FRIDAY

Class	Teacher	Lessons, including homework deadlines & resources
Graphics		
9.1	Mr Allen	Modelling and Evaluations
9.4	Mr Allen	3d drawing evaluations
9.5	Mr Allen	Modelling and Evaluations
9.8	Ms Chowdhury	Modelling and Evaluations
Food		
9.2	Mrs Thomas	Menu planning
9.3	Ms Chikte	Menu planning
9.6	Ms Chowdhury	Menu Planning
9.7	Ms Chikte	Menu planning

Year 10

Head of Department: Mrs Thomas – V.thomas@holte.bham.sch.uk

3D Design - What is your child learning this term?

They will be developing skills knowledge and understanding of the assessed elements of the GCSE. They will cover a variety of topics such as the work of other designers, sustainability, tools, equipment and processes. They will learn about these topics whilst completing a series of mini projects aimed at preparing them to start their final NEA.

ALL WORK SHOULD BE EMAILED TO YOUR TEACHER BY 3PM ON FRIDAY

Class	Teacher	Lessons, including homework deadlines & resources
10AD	Mrs Thomas	Continue to work through sketchbook

Design Technology - What is your child learning this term?

They will be developing skills knowledge and understanding of the assessed elements of the GCSE. They will cover a variety of topics such as the work of other designers, sustainability, energy and mechanisms, tools, equipment and processes, new and emerging technologies. They will learn about these topics whilst completing a series of mini projects aimed at preparing them to start their final NEA in July 2026.

ALL WORK SHOULD BE EMAILED TO YOUR TEACHER BY 3PM ON FRIDAY

Class	Teacher	Lessons, including homework deadlines & resources
10Te	Mr Allen	Exam revision – gcse pod on design strategy's modelling

Food- What is your child learning this term?

The units are designed to enable students to develop basic culinary skills as well as developing an understanding of considerations that need to be implemented when planning a meal. This will enable pupils to build confidence when working in the kitchen to design, prepare and make a range of well-balanced food products using basic catering equipment in a safe and hygienic way. They will also be developing their understanding of the hospitality and catering industry which will include learning about the health and safety requirements that should be followed by employers and employees.

ALL WORK SHOULD BE EMAILED TO YOUR TEACHER BY 3PM ON FRIDAY

Class	Teacher	Lessons, including homework deadlines & resources
10Fd	Ms Chikte	Food safety

Year 11

Head of Department: Mrs Thomas – V.thomas@holte.bham.sch.uk

3D Design - What is your child learning this term?

They will be developing skills knowledge and understanding of the assessed elements of the GCSE. They will cover a variety of topics such as the work of other designers, sustainability, tools, equipment and processes. They will learn about these topics whilst completing a series of mini projects aimed at preparing them to start their final NEA.

ALL WORK SHOULD BE EMAILED TO YOUR TEACHER BY 3PM ON FRIDAY

Class	Teacher	Lessons, including homework deadlines & resources
11C	Mr Waterhouse	

They will be developing skills knowledge and understanding of the assessed elements of the GCSE. They will cover a variety of topics such as the work of other designers, sustainability, energy and mechanisms, tools, equipment and processes, new and emerging technologies. They will learn about these topics whilst completing their NEA.

ALL WORK SHOULD BE EMAILED TO YOUR TEACHER BY 3PM ON FRIDAY

Class	Teacher	Lessons, including homework deadlines & resources
11C	Mr Allen	Revision – gcse pod mechanical devices

What is your child learning this term?

Pupils will complete work on unit 1 (exam) in preparation for their end of year assessments. They will be developing their understanding of the hospitality and catering industry which will include learning about the health and safety requirements that should be followed by employers and employees.

ALL WORK SHOULD BE EMAILED TO YOUR TEACHER BY 3PM ON FRIDAY

Class	Teacher	Lessons, including homework deadlines & resources
11B	Ms Chowdhury	1.4.4 The Environmental Health Officer (EHO) and exam practice

6th Form

Head of Department: Mrs Thomas – V.thomas@holte.bham.sch.uk

What is your child learning this term?

Food Science and Nutrition:

Unit 1: The purpose of this unit is for pupils to develop an understanding of the nutritional needs of specific target groups and plan and cook complex dishes to meet their nutritional needs

Class	Teacher	Lessons, including homework deadlines & resources
12Fd1	Mrs Thomas	Benefits

What is your child learning this term?

Food Skills:

Pupils will gain:

- knowledge, understanding and confidence to cook meals at home
- an understanding of how to economise when planning a meal
- an ability to transfer skills learned to different recipes
- an ability to inspire others by transferring that knowledge.

Class	Teacher	Lessons, including homework deadlines & resources
Y12 Food Skills	Mrs Thomas	Continue to work through practice questions in textbook