

Remote Learning Guide

Design Technology



W.C 20th April

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	J.allen	Types of dyeing processes
7.4	J.allen	Types of dyeing processes
7.5	J.allen	Types of dyeing processes
7.8	J.allen	Types of dyeing processes
Food		
7.2	Ms Chikte	Wraps practical Function of ingredients
7.3	Ms Chikte	Wraps practical
7.6	Mr Waterhouse	Wraps practical
7.7	Ms Davidson	Pasta practical Origin of food lesson 1
Technology		
7N	Ms Chowdhury	Kitchen Safety

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.

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Class	Teacher	Lessons, including homework deadlines & resources
Resistant materials		
8.1	Mr allen	Exploring Plastic polymers
8.4	Miss Cohen	
8.5	MR allen	Exploring Plastic polymers
8.8	Mr Allen	Exploring Plastic polymers
Food		
8.2	Ms Chowdhury	Religious Diets
8.3	Ms Chikte	Secondary processing
8.6	Ms Chikte	Nutritional requirements Secondary processing
8.7	Ms Chikte	Quality assurance schemes Nutritional requirements

Year 9

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.

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Class	Teacher	Lessons, including homework deadlines & resources

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.

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Class	Teacher	Lessons, including homework deadlines & resources
9b1	Mr allen	Math puzzle toys – soma cube introduction marking out

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.

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Class	Teacher	Lessons, including homework deadlines & resources
9A/Fd	Ms Chowdhury	Eatwell Guide Types of provisions

Year 10

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Class	Teacher	Lessons, including homework deadlines & resources
10AD	Mr Allen	Making using CAD CAM

Design Technology - What is your child learning this term?

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Class	Teacher	Lessons, including homework deadlines & resources
10Te	Mr Allen	Tools used to cut, shape and assemble wood

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Class	Teacher	Lessons, including homework deadlines & resources
10Fd	Ms Chikte	Practical Unit 2 coursework prep EHO

Year 11

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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.

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Class	Teacher	Lessons, including homework deadlines & resources
11C	Mr Allen	REVISION – See revision booklet and seneca / gcse pod assignments

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.

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Class	Teacher	Lessons, including homework deadlines & resources
11B	Ms Chowdhury	1.1.1 Hospitality and catering providers and exam practice 1.1.2 Working in the hospitality and catering industry 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	MS Chowdhury	Energy Needs

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