



Home Learning Guidance

Pupils at FUEL have been sent updated timetables which aims to help them complete between 3 and 5 hours of learning each day. All work for this term is being placed on Student Zone which is a shared document library on Share Point and is part of the Office 365 school platform. It is important that every day they include some exercise and time to relax. Below are some generally helpful websites that will help with all subjects.

As pupils follow their timetable, they can look at the section in this booklet from that subject and follow what they are being guided to do by their teachers. It is also indicated what would be expected to be learnt within that half term to help you know what should be covered in normal circumstances. For some subject's work has been set on Microsoft Teams e.g booklets, projects, assignments etc and some subjects have Teams Classrooms where they are setting regular work and hosting a new schedule of live lessons. For other subjects they have given ideas for projects, reading, things to make and watch with links to helpful websites. Please select what best suits you.

There will be weekly enrichment projects sent out as well. These can be used to help enrich pupils learning if they would like to engage with them. Please send in evidence of completing the projects to either parenthelp@fueleducation.org.uk or studenthelp@fueleducation.org.uk as they will be looking for pupils that have engaged the most with their learning and rewarding this engagement while at home.

All pupils must log on to their emails daily through Office 365 to enable them to access the resources, updates from teachers and receive the invites to their class team and live lessons. To join the team pupils, need to accept the invite and click on the team information in the email. At this point they will be able to download a Team App to use on either their phone or laptop. Once a pupil has joined a team, they will then receive the invites for the live lessons for that team. The live lessons can be joined from either the app or the online Teams App in Office 365. When the lesson is due to start, they just select the join button on their calendar.

Class teachers will be on the Teams programme every day from 10 until 3 to respond to questions from pupils sent using the Post Message board for the class or the direct messages sent to the teacher. Wider support can also be provided through the Teams class site for their specific subject.

Below we have added two main sections, compulsory learning, this is the content your child needs to be completing broken down by the areas they are studying with us, if they are referred for Construction for example they will need to complete the work in this section, if they are referred for GCSE/Functional Skills and a vocational area, they will need to complete all relevant areas. You will receive a timetable which is personalised, so you are fully aware of what courses they are doing with us. There is then a go the extra mile section. This section contains additional learning your child can do.

Please also note that if your child is only referred to us for a vocational area, they can complete any of the work provided for other areas and there will be rewards for this.

Compulsory Section

Mechanics

Mechanics has a Teams class which all pupils have been invited to join, the class contains work for both Level 1 and Level 2 pupils. There will be live lessons each week for both the Monday/Tuesday group and the Thursday/Friday group. All the Power Points for Level 1 are on Student Zone – Mechanics – Level 1. Once pupils have joined the class team, they will have access to their class notebook to make notes on the Power Point for that unit or the Power Point taught in the live lesson.

All the assessments for each unit are then issued to pupils through the team assignments, once they are completed pupils submit them, their teachers will then mark them and provide feedback.

Level 2 Pupils had the first Level 2 power point and questions to complete and have now been emailed the next power point and learning questions to complete. Each time work is completed they should email studenthelp@fueleducation.org.uk and the teacher will email the next set of work.

The mechanics are sourcing various YouTube video clips to show the practical skills which pupils can follow to start learning the practical aspect of their course.

Construction

All pupils were sent a unit workbook out in their initial work from home pack. Once this unit has been completed Unit 20 on Construction Maintenance Skills should be completed. Student Zone has the Power Point and the workbook for this unit.

After Unit 20 has been completed, Unit 16 Painting and Unit 17 Decorating has been added to Student Zone.

The new Construction class has been set up on Teams and you will receive an invite to join the live lessons. There will be a live lesson for both the Monday/Tuesday group and the Thursday/Friday group.

To access all resources for Construction, go to Student Zone – Construction and then select the unit you need to access.

To support our Construction pupils further they have been added to SAM Learning and sent construction related English and Maths tasks to both develop their literacy and numeracy and develop skills used within Construction such as measuring.

Health and Social Care

All pupils in the Health Social Care Classes had preparation for component two assignments sent home initially. They were all set up on a class notebook and now have a class team. All their assignments have been set using Teams and pupils just need to type into their document and then click submit when they have finished. Work is set individually and has submission deadlines set. Assignments completed through Teams or Class Notebooks can be remotely supervised by the teacher.

BTEC Sport Level 1 (Year 8)

Any pupils who have not completed any units, should download the Level 1 Unit 11 workbook from Student Zone and once they have completed that, there are additional worksheets that follow the workbook. Pupils should try and take photos of any physical exercise they do at home and these should be emailed in to studenthelp@fueleducation.org.uk and this will be used as evidence for units 4, 11 and 12.

Pupils who have completed unit 11 at school should focus on completing unit 17 which is about Job Opportunities in Sports and Active Leisure. The workbook can be accessed through Student Zone, BTEC Sport – Level 1.

BTEC First Award in Sport Level 1/2:

Pupils completing this Level 1/2 Qualification have all of their work currently set on the Class Notebook, to enable the completion of assignments through remote supervision. Once an assignment has been completed it will be marked and pupils will have the opportunity to make the required improvements, if needed.

English

All years GCSE and Functional Skills pupils are being added to their Class Teams, they will also have assignments set on Teams and have this terms lesson work on Student Zone.

GCSE English – This terms topic are on Language features and different styles of Writing. There are 10 lessons on the system ready for you to complete. To find the resources go to Student Zone, English, GCSE and then select the lesson you wish to look at.

Functional Skills – This terms project is healthy living and incorporates English such as punctuation, reading comprehension, writing for an audience and writing letters. To find this project go to Student Zone, Functional Skills. There is also now a Team Class for Functional Skills where teachers can provide help and advice. You have also been set SAM Learning tasks to complete.

Year 8 English – You have been set KS3 Workbooks and new lesson resources will be added to Student Zone this week for you to work through. Pupils can also login to their BKSb, there are a variety of tasks to complete on BKSb which is tailored to working levels.

Sam Learning for all pupils – Tasks have been set to support you in the topics you are covering this term and to help you develop your Spelling, Grammar and Punctuation skills and your reading comprehension skills. Ensure that all tasks are completed to at least 70% (orange/green) on Sam Learning.

All pupils should complete two mornings of reading each week, you can make your own reading diary to record what books/newspapers you read and what you learn from them.

Mathematics

GCSE: There is now a Teams class set up for GCSE Mathematics, pupils will be invited to join the class. Each week there will be one live lesson and a set of work both within the Team and accessible through Student Zone. Pupils can post messages to their teacher and complete work assigned to them each week.

The topics for this half term are Ordering Numbers and Negative Numbers; Addition, Multiplication and Division; BODMAS and Number Conversions.

Sam Learning tasks have been set suitable to your GCSE content and to enable you to continue working towards your functional skills qualifications. Ensure that all tasks are completed to at least 70% (orange/green) on Sam Learning.

In addition to these tasks, pupils can access the Maths Lessons on Oak National Academy – Year 10 Maths which is all about BODMAS, Integers and Using Formulae and will support the work being set for you by FUEL.

Functional Skills: There is now a Teams class set up for Functional Skills. This class will enable pupils to access support from a teacher through Posts and Direct messages.

Pupils have been set a Healthy Lifestyles Project for Functional Skills this term, the workbook can be downloaded from Student Zone, Functional Skills.

Pupils have been set a range of Maths tasks suitable for Functional Skills on SAM Learning. Ensure that all tasks are completed to at least 70% (orange/green) on Sam Learning.

Year 8: There is a Teams class set up for our Year 8 pupils, there will be one live lesson a week and additional work set both on Teams through weekly assignments and through Student Zone. Go to Maths and then select KS3 to access the year 8 work. Pupils will also continue to be set tasks through Times Table Rockstar's and on SAM Learning. Ensure that all tasks are completed to at least 70% (orange/green) on Sam Learning. Pupils can also login to their BKS B, there is a variety of tasks to complete on BKS B which is tailored to working levels.

History

GCSE: History are starting a new topic this half term, Conflict and Tension in the Gulf and Afghanistan, which forms their wider world depth study. Pupils doing GCSE History now have a Teams class set up and will be able to access one live lesson each week and access the lesson workbook set as an assignment each week. You should have completed the work set on Germany during World War Two before Easter, however there are still SAM Learning tasks set for you to complete to catch up on any of these topics.

Year 8: Pupils are currently studying the British Empire, your next lessons and resources can all be accessed through Student Zone – History -KS3. The year 8 Teams Class will also cover some teaching of History

Science

GCSE: Biology has been set as a class on Teams and you will be having a live lesson each week.

Lesson resources will be on your Team pages and on Student Zone, Biology GCSE. This term focuses on Photosynthesis. Pupils should also access the online lesson resources from Oak national

Academy, Year 10 Science for additional resources on Photosynthesis and an online version of the practical experiment.

Year 8: Pupils have been set topics on SAM Learning which cover topics that would have been taught this term. Additional support can be accessed through the Year 8 Teams Class.

PSHE

All pupils normally complete weekly 1-hour sessions within school. All the 1-hour lessons have been placed on Student Zone in the PSHE folder.

Pupils should choose KS3 to access the year 8 and 9 lessons and KS4 to access the year 10 and 11 lessons. This half term we would normally be completing 6 sessions from the Relationships folder. Each lesson contains a Power Point and associated worksheets or debate questions. Pupils can complete these activities on the paper provided in their folders or can produce a word document to record their answers electronically.

If pupils want an alternative and need additional support with health and wellbeing, they can instead access the lessons in the health and wellbeing folder.

All pupils have been emailed a home learning journal template. FUEL encourages all pupils to fill this in each day and they create their own version of this to continue using. This journal not only records what pupils have done each day, what they have learnt, how they feel and how the current situation is affecting them, it allows pupils to reflect on their home learning.

Art

The year 8 pupils have started a Graffiti Art Project and a Sculpture Art Project.

Unfortunately, neither of projects are very accessible at home, as they require specialist materials. Therefore, a new project has been sent out to pupils and a new Pop Art project has been added to Student Zone – Creative Activities for Pupils to work through.

Please find the websites below that might help you get creative as well.

<https://how-to-draw-cartoons-online.com/>

http://drawingacademy.com/free-drawing-lessons-for-artists/drawing-videos-bing.php?utm_source=bing&utm_medium=cpc&utm_campaign=dahowtodraw

<https://www.thesprucecrafts.com/your-first-painting-4159810>

IT

Year 8

Work on the IT section mainly and then mix with some of the Computing if you want a change. You have work set on Student Zone to enable you to complete basic IT tasks including using Word, Excel and Power Point to create different types of Documents

Functional Skills:

There are IT activities within the Functional Skills (Healthy Lifestyles) project for this term, including using Excel to create a food diary. You should work through the tasks as you complete your project workbook.

Religious Education

FUEL also run a termly project with pupils which covers Religious Education and British Values. FUEL has a World Religion project on Student Zone, pupils can download this and work their way through the different activities.

You can also

- Create an A-Z of Religious Studies using the website: <https://www.bbc.co.uk/teach/class-clips-video/religious-studies-ks3-az-of-religion-and-beliefs/znt647h>
- Complete daily lessons and key topics here: <https://www.bbc.co.uk/bitesize/subjects/zh3rkqt>
- Research a different religion to find out what their faith is all about and how they celebrate it.
- Using a holy book, such as your founders' day Bible, try journaling parts of scripture. You can do this in a notebook or on separate paper. You can find some examples of journaling here:
- <https://www.lifeway.com/en/articles/how-to-start-bible-journaling-in-six-easy-steps>
- http://www.bbc.co.uk/learning/subjects/religious_studies.shtml

PE and Sport

It is really important that we keep ourselves fit and well. Here are some ideas from the PE.

Remember to be active every day, either a walk, run, bike ride etc.

- <https://www.nhs.uk/live-well/exercise/couch-to-5k-week-by-week/> - Couch to 5Km run
- <https://www.youtube.com/watch?v=KWBfQjuwp4E&list=PLui6Eyny-UzzFFfpilI94CUrWKVMaqmkm> – 30 days of Yoga
- https://drive.google.com/open?id=1PKGoPibmRh9dSHar9LctQXbF0UV_MxU-Lc1sQOUUp6vl – Circuit Fitness Session Plan
- <https://www.youtube.com/channel/UCAxW1XT0iEJo0TYlRfn6rYQ> Joe Wicks Daily PE Lessons
- <https://www.bbc.co.uk/programmes/b006m8dq> Strictly Come Dancing Big Night in Dance Challenge

Reading

Reading is a vital part of the school curriculum and in these times, it is important that your child continues to read as much as possible.

I would therefore like to tell you about some free reading resources that you can access online and hope that you will explore these with your child.

If you can support them with this while they are at home with you, then this will help keep their reading development going, as well as help them to relax and enjoy a good book. You may want to take a look for yourself too.

At FUEL we have Drop Everything and Read sessions three times per week at 3pm

It lasts for 20 minutes and this should be continuing whilst your child is learning from home. It will really help their reading ability if you could incorporate this into your routine.

I hope that you find this information supportive and that it enables your child to keep reading. At these unusual times it can be very good for our mental well-being to escape to another world for a while.

<http://www.renlearn.co.uk/keep-reading>

<https://readon.myon.co.uk/library/browse.html>

<https://www.obooko.com/category/free-books-for-teens?page=3>

<https://stories.audible.com/start-listen>

<https://www.worldofdavidwalliams.com/elevenses/>

<https://www.amazon.co.uk/kindle-dbs/hz/bookshelf/prime/>

Other support materials for compulsory subjects

BBC bitesize has the content for all subjects at KS3 and KS4 this includes videos and quizzes that may be helpful.

<https://www.bbc.co.uk/bitesize/levels/z4kw2hv>

Oak National Academy have lessons for each year group between years 7 and 10, the lessons include videos and quizzes. We recommend the lessons particularly for Maths and Science.

<https://www.thenational.academy/online-classroom#subjects>

Seneca learning (please see the link below) is great for any topic and it is free, it has videos and information presented for the pupil and then quizzes to check understanding. You can select KS3 or GCSE content under the courses tab to see all the subjects that are available.

<https://app.senecalearning.com/dashboard/courses/add?Price=Free>

Anytime pupils complete one the quizzes to demonstrate their learning through these free online platforms we recommend taking a photograph of the quiz results or a print-screen and emailing them to either studenthelp@fueleducation.org.uk or parenthelp@fueleducation.org.uk and then teachers can store these files to evidence the progress being made by pupils at home.

English – Additional Resources

A great website to help with your grammar and inspire creative writing

<http://www.pobble365.com/>

Free plays to watch from the national theatre every Thursday

<https://www.youtube.com/channel/UCUDq1XzCY0NIOYVJvEMQiqw>

Free Shakespeare plays from the Globe theatre every two weeks <https://globeplayer.tv/>

- ‘Hamlet’ (2018), April 6-19
- ‘Romeo & Juliet’ (2009), April 20-May 3
- ‘A Midsummer Night’s Dream’ (2013), May 4-17
- ‘The Winter’s Tale’ (2018), May 18-31
- ‘The Two Noble Kinsmen’ (2018), June 1-14
- ‘The Merry Wives of Windsor’ (2019), June 15-28
- 200 word power point (attached on the website) with ideas for writing prompts to inspire pupils
- David Walliams reading stories live every day
<https://www.worldofdavidwalliams.com/elevenses/>

- [Learn sign language https://www.british-sign.co.uk/](https://www.british-sign.co.uk/)
- Write a letter to someone to thank them, maybe someone in the NHS.
- www.literacytrust.org.uk New family zone with video and audio resources.
- BBC Bitesize KS3 and KS4: <https://www.bbc.co.uk/bitesize/subjects/z3kw2hv>
- **Audible** - You can instantly stream an incredible collection of stories, including titles across six different languages.
- **Booktrust** - Website with book recommendations, competitions, quizzes, storybooks and games.
- **Oxford Owl** - Free ebooks for children 3-11 years old, English and Maths activities.
- **Reading Realm ipad app**
- **Readingagency.org** - An interactive book sorter to help children find a book to read and interactive games.
- **roalddahlfans.com** - Lots of quizzes and interactive games.
- <https://leadingliteracy.school.blog/resources-2/?fbclid=IwAR2CjF7Gm64EvphYvavo9qBSYQXEIk7gKEjza9QOvXew01cS-RXTIsS03Pw>

Maths – Additional Resources

- <https://corbettmaths.com/>
- <https://nrich.maths.org/frontpage>
- <http://www.mrbartonmaths.com/students/gcse/>
- <https://blog.reallygoodstuff.com/11-free-math-sites-for-kids/>

History – Additional Resources

- <https://tutorful.co.uk/blog/history-lovers-awesome-websites-and-resources-to-cure-your-boredom>
- <https://www.historyforkids.net/>
- <https://www.iwm.org.uk/>

Try creating something:

- Create your own war scene painting. How big can you make it? Maybe you could draw it with chalk on the pavement?
- Draw the scene of a day in the life of a soldier in Iraq or Afghanistan.
- Design your own VE day bunting.
- Create your own Evacuee Scrap book in which you imagine you are an evacuee. How would you feel? How has your life changed? What's the difference between living in the countryside to an inner city? Draw and write about the experiences of these children.

Try reading historical fiction:

Try reading a historical novel which will improve your knowledge and understanding on life in the past. Can you use your knowledge to work out what is historically inaccurate? Research this to check you are correct. Here are some suggestions – some of these books may be available for free on Kindle (you can download the app for free onto your smartphone):

- The Book Thief, Markus Zusak
- Boy in the Striped Pyjamas or the Boy at the top of the mountain by John Boyne
- War Horse or Private Peaceful by Michael Morpurgo.
- The Diary of Anne Frank by Anne Frank
- T. H. White, The Sword in the Stone
- Bravo Two Zero by Andy McNab

Great things to watch:

Remember, many of these books have also been turned into films or animations – look on Netflix or YouTube **OR** find your own documentaries on YouTube or the BBC iPlayer.

GCSE could try: Schindler's List, The Boy in the Striped Pyjamas, Walking with the Enemy, Defiance, The Heroes of Desert Storm, The Three Kings, Jarhead, Kajaki, Bravo Two Zero

Year 8 could try: The Zoo Keeper's Wife, Downton Abbey, Dan Snow's WW1 uncut, War Horse or Horrible Histories on CBBC

Science – Additional Resources

Science fair topic ideas <https://www.verywellfamily.com/science-fair-topic-ideas-621064>

STEM activities <https://4-h.org/parents/stem-agriculture/youth-stem-activities/>

A collection of online science fun activities <https://www.exploratorium.edu/>

Chemistry projects <https://www.thoughtco.com/top-chemistry-projects-for-bored-kids-604324>

Great Science articles <https://www.sciencenewsforstudents.org/>

NASA space station live satellite and activities

https://www.nasa.gov/mission_pages/station/main/index.html

<https://www.nationalgeographic.co.uk/learn-home>

STEM Learning <https://www.stem.org.uk/>

Royal Society of Chemistry Education

https://edu.rsc.org/?_ga=2.231592667.513862331.1585820785-90814010.1585820785

Royal Society of Biology Education <https://www.rsb.org.uk/education>

Science experiments:

https://www.youtube.com/channel/UCGpIXAXQUc0RBhxgnJ_BjEw?fbclid=IwAR3Cc0S_724GQteZ3-eLuj39eAU6UgKJ7a9Yst81PAKPqcVGXI8Z8HSB7Sk

Enrichment ideas for Science

- Why don't you go to the national space station page and see the times when you can see the space station.
- Try some kitchen chemistry <https://littlebinsforlittlehands.com/4-mini-easiest-kitchen-science-activity-trays/>
- Try a STEM project or chemistry project from the attached websites.

IT Additional Resources:

BBC Click Videos: Learn about technology by watching videos from the BBC Click website.

<https://www.bbc.co.uk/programmes/b006m9ry/episodes/player> or search for "BBC Click episodes" in Google.

Go the Extra Mile

At FUEL one of our core values is "be the best you can be" we firmly believe that learning new and additional skills is an important part of school life and promote to pupils to achieve as much as possible.

We have put together some additional subject areas/resources which pupils can choose to complete in order to learn something completely new.

Food & Design and Technology

Food Enrichment

Jamie Oliver food programme for lockdown at 5.30pm every day.

<https://www.jamieoliver.com/recipes/category/books/keep-cooking-and-carry-on/>

Cook a meal for your family.

Open a café for your family where they can come for lunch.

A new cooking workbook will be added to Student Zone – Creative Activities.

Resistant materials

Use the design sheets provided by the technology department.

Technologystudent.com

<https://www.jamesdysonfoundation.co.uk/resources/challenge-cards.html>

This website will challenge you to design different products and put your creativity to the test. Just click “download challenge cards” to get started.

<http://www.mr-dt.com/>

There are tasks and theory work based around Design and Technology. This website can help you with the design challenges from Dyson.

Help around the home repair something or build a new item

Music Enrichment Activities

- Practise an instrument or learn to play a new one (lots of you tube videos on how to play most instruments).
- Sing (anything that makes you feel good).
- Listen to music that’s new to you.
- Learn to be a producer (see the website link)
- Write a song or compose a piece of music. Share it with someone.

Websites

Free on line music lessons

https://makingmusicfun.net/htm/mmf_free_video_music_lesson_index.php

<http://www.bbc.co.uk/learning/subjects/music.shtml>

Tone savvy which sets and marks music tasks for free

https://tonesavvy.com/?fbclid=IwAR0Y_1Snd6F4PKO_ubCg99wmGURQPJOLw6zi0Lr0hf-9fO2lYggPosGuK3g

[Ableton Live – learn how to produce music https://learningmusic.ableton.com](https://learningmusic.ableton.com)

[Groove Pizza - Create your own drum loops](https://apps.musedlab.org/groovepizza/?museid=HJfZddP8L&)

<https://apps.musedlab.org/groovepizza/?museid=HJfZddP8L&> <https://musiclab.chromeexperiments.com/Song-Maker/>

- [NTN – A game to learn notes of the stave](https://www.teachingfiles.co.uk/namethatnote2.htm)
<https://www.teachingfiles.co.uk/namethatnote2.htm>

[Super Looper – Create an 80s style synthpop loop http://superlooper.universlabs.co.uk](http://superlooper.universlabs.co.uk)

Computer Science

IT:

1. Learn about different types of graphics and graphics software by going to the BBC Bitesize website: <https://www.bbc.co.uk/bitesize/guides/zv2v4wx/revision/1> or search for “BBC Bitesize Graphics” in Google and select the first link.
2. Carry out more research independently about the difference between VECTOR and BITMAP (also known as RASTER) image types and
3. Read and make revision cards by reading through the REVISE TAB.
4. Test yourself using the TEST TAB.

Computing:

Develop your programming skills by learning Python programming at the W3Schools website: <https://www.w3schools.com/python/default.asp> or search for “w3schools python” in Google and select the first link.

Geography

Enrichment ideas for Geography

- Create a newspaper article on a flood.
- Write a letter to the local MP about how floods impact people and businesses,
- Write a leaflet attracting people to Nottingham.
- Write a leaflet promoting tourism to Kenya or Jamaica.
- Make a tourism video for the tech savvy to Kenya or Jamaica.
- Build a volcano and research where the most active ones are in the world and the impact on the local area.

Websites that you may find interesting

Virtual travel around the world website

<http://teacher.scholastic.com/activities/globaltrek/>

Research a new culture.

<https://www.cia.gov/library/publications/the-world-factbook/index.html>

Interactive geography website <https://www.oxfam.org.uk/education/resources/mapping-our-world>

<https://www.cia.gov/library/publications/the-world-factbook/index.html>

<https://www.nationalgeographic.com/>

<https://www.onlinecultus.com/2017/04/08/10-useful-websites-geography-students/>

<https://www.thoughtco.com/geography-4133035>

<https://www.scoop.it/topic/geography-education>

Other interesting and engaging websites to keep your mind active

<https://www.mentalfloss.com/uk>

<https://www.educationquizzes.com/ks3/>

Free first aid courses on YouTube starting tomorrow

- https://www.youtube.com/watch?v=Q3y_WE75UJs&feature=youtu.be&fbclid=IwAR3Gx8RLT84Ow24NfMIScTnKQvZUiKQ7fkTFpNt3XW81RsTyUDPoQMgz3Dk

Learn sign language

<https://www.british-sign.co.uk/>

Free online lessons for all subjects

<https://www.bbc.co.uk/teach/live-lessons/secondary-live-lessons/zk9cwty?fbclid=IwAR0zds2VDeKstozb25a7q5D0hpS902pVR9VWc3T-ap7O7v1nPbyfEUuHMdo>