

Year 10 Summer tasks

Subject	Task
3D Design	<ul style="list-style-type: none"> • Collect Primary research related to Organic and Artificial forms. Students will collect a series of photos exploring this theme. (Full instructions linked to google classroom/google slides) • Create observational drawings from both life and photos using different drawing techniques used throughout key stage 3. (Observation, tracing, grid method). (Full instructions linked to google classroom/google slides)
Business Studies	<ul style="list-style-type: none"> • Follow the Business news on Companies - BBC News • Write a short chain of reasoning to explain the implications of the headlines. • Use the following links to revisit year 10 work on BBC bitesize • Enterprise and entrepreneurship - GCSE Business Revision - Edexcel - BBC Bitesize • Spotting a business opportunity - GCSE Business Revision - Edexcel - BBC Bitesize • Putting a business idea into practice - GCSE Business Revision - Edexcel - BBC Bitesize • Making the business effective - GCSE Business Revision - Edexcel - BBC Bitesize • Understanding external influences on business - GCSE Business Revision - Edexcel - BBC Bitesize
Computer Science	<ul style="list-style-type: none"> • Use the website sololearn.com. Create an account using your school email and complete the PYTHON CORE ONLINE COURSE. Download the certificate and print off for your first lesson.
Design & Technology	<ul style="list-style-type: none"> • Task 1: Look at different icon designers and products they are famous for • Task 2: Watch/go on the Kickstarter website and look at a product and suggest design improvements for the product. Also, explain what the purpose of the website is • Task 3: Look at different materials (specific materials - not just metal [e.g. aluminium]) and think/suggest why they have been used. • Task 4: Look at different products in the world you live in and work out how they would be different in different parts of the world and why (think cultures)
Engineering	<p>Engineering Sectors</p> <ul style="list-style-type: none"> • Select three different engineering sectors. Write down 3 different job roles.3 different specific products that would be made in each sector. • Design a new product. It can be modified existing product or invented • Use arrows and label the parts. Write a detailed explanation of what the product does and how it works. • Think about your ideal job in Engineering Choose. Create a job advert for that role.
English	<ul style="list-style-type: none"> • Produce an adaptation of Act 1 of Macbeth. For example, this could be in prose, a storyboard, a series of letters, a graphic novel or any other form you feel is appropriate. You may also change the setting. • Use GCSE Pod (and any additional revision material you have access to) to revise Act 1 of Macbeth and/or your Power and Conflict poetry anthology, producing your choice of mind maps, knowledge organisers and/or flash cards.
Food & Nutrition	<ul style="list-style-type: none"> • Produce a two-course meal within three hours. As part of the course you need to be able to produce three dishes within three hours. • Watch a master chef cookery program or u-tube clip to see how food is presented

	<ul style="list-style-type: none"> • Practise knife skills (bridge and claw hold) You could do this by practising accurate cutting with carrots/potatoes/courgettes. • Practise Piping skills: You could use butter cream, potato or choux pastry
French	<ul style="list-style-type: none"> • Complete textbook chapters 1 - 7 on Memorise (tasks set under class group) • Revise and learn the key tenses in French (passé composé, imperfect, simple future, near future and the conditional) • Complete topics 1-5 on Seneca (Identity and Culture, Local Area, Holiday and Travel, Town and Region, School, Future Aspirations) • Try out some baking by using the French recipes on your Google Classroom page!
Geography	<ul style="list-style-type: none"> • Many people on low incomes are being pushed out of the city centre housing estates due to rising rents and an increase in population. Suggest one way that having to move out of an area where they lived could affect people's quality of life. • 2)The new developments will bring in people with a higher income to Manchester city centre. Suggest an impact that this might have on the city. • Several of the old mills and factories in the city centre are being converted into housing. Suggest why the buildings are being converted rather than being demolished so new housing can be built.
German	<ul style="list-style-type: none"> • Complete the revision Guide pages appropriate to the chapters/pages studied in the textbook (confirm directly with LRE) • Complete any outstanding quizlets. (All Quizlets from U1 - 5) - linked on Google Classroom
History	<ul style="list-style-type: none"> • Dominoes revision activity for Medicine in Britain. A power point to help you will be posted on Google classrooms.
Mathematics	<ul style="list-style-type: none"> • Please login to Mathswatch. If you have forgotten your password please contact Ohare@tgschool.net • Complete the appropriate maths paper that has been assigned to you on mathswatch.
ICT & Media	<ul style="list-style-type: none"> • Practise your image editing skills in readiness for the real coursework project in September. Use https://www.photopea.com/ • Take photographs of your local area in readiness for the real coursework project in September. You should have a minimum of 10 photos.
Music	<ul style="list-style-type: none"> • The long-delayed new James Bond film is due to hit cinemas in September of this year and every James Bond film ever made has a famous 'title song'. The new film's theme is performed by Billie Eilish and previous films have had songs performed by the likes of Adele, Sam Smith, Alisha Keys, Madonna and Paul McCartney. • Look at the article from Classic FM entitled James Bond theme songs ranked from worst to best, based on musical merit, pick three songs to listen to, read about and see if you agree with where they have been placed on the list. Does the song offer a fair representation of the film and does it create a suitable sense of atmosphere? Can you hear any similarities between the songs? • <u>Additional/alternative task:</u> • The 2015 Bond film 'Spectre' had its theme performed by Sam Smith but the rock band Radiohead were originally asked to write a theme song for it. Their theme was rejected. Listen to Sam Smith's theme and then compare it to Radiohead's theme (set to the opening credits). Think about which would you have picked and why?
Photography	<ul style="list-style-type: none"> • Research the Photographer Fiddle Oak, one side of A4, with at least three images of his work. • A series of at least 20 photographs of your personal possessions. These should be in small still life compositions, with a cloth or other backdrop behind them.
Physical Education	<ul style="list-style-type: none"> • What problems have the Tokyo 2020 Olympics faced since they won the bid? Can you research and explain 3 different problems that the country has face since taking on this challenge? • Throughout the Olympics - create an information sheet summarising any factors relating to:

	<ul style="list-style-type: none"> Any performance enhancing drugs related issues, Sponsorship issues, Gender issues, Media issues, Motivation issues, Technological advances issues.
Religion, Philosophy & Ethics	<ul style="list-style-type: none"> Seneca - Paper 1 and Paper 2 https://app.senecalarning.com/teacher/class/uiotmqhfw/overview Knowledge quiz's on google classroom for each topic Relationships and families on Oak Academy https://classroom.thenational.academy/units/relationships-and-families-f9ff lessons and tasks Read 'The God Delusion' Richard Dawkins
Science	<p>Having completed three GCSE AQA Trilogy Combined Science exams papers in each of the three sciences.</p> <ul style="list-style-type: none"> Choose one topic from each Science that was on these papers that you need to revise Go to the KS4 Science section of BBC Bitesize (GCSE Combined Science - AQA Trilogy - BBC Bitesize) Revise each topic on BBC Bitesize and create a summary sheet on the topic
Spanish	<ul style="list-style-type: none"> (JKE) go to your Y10 Google Classroom to find a range of ideas and resources, including login details and usernames etc. (LHU) Watch one or more of the stories from this selection. Use this link: https://www.youtubekids.com/search?q=toycantando+cuentos. Write a list of vocabulary in English and Spanish with key words and phrases from the story. (LHU) Complete any Quizlet sets that you haven't finished yet. Follow this link to your class: https://quizlet.com/class/8718211/ (LHU) Try a Hispanic dance, food, drink, or watch a TV series or film (use subtitles) and write a review in Spanish (add pictures). (LHU) Complete sections 1, 2 and 3 of the revision guide and workbook.
<p>Wellbeing</p> <p>For all students during your time away from school. Try these daily routines</p>	<ul style="list-style-type: none"> Switch off all social media 30mins prior to going to bed. Eat something for breakfast within half an hour of waking up even if just tea & a biscuit. Take a half hour walk everyday - walk a neighbours dog for example. Target Challenge: Use a rolled up pair of socks and throw them in a bucket/bowl/bin <u>Easier:</u> Start from 1m away <u>Harder:</u> Take a step back every time you get them in. Circuit Challenge: Complete the following exercises: <ul style="list-style-type: none"> 10 press ups / 20 squats / 10 sit ups / 10 burpees / 30 seconds plank - Repeat 3 times. <u>Easier:</u> Start with fewer of each. <u>Harder:</u> increase amount or number of times you repeat Dance Challenge: Learn a dance routine! Choose a dance you like, or find a tutorial on youtube, watch and practice, practice, practice! Steps Challenge: Try to complete at least 10000 steps a day for a week. <u>Easier:</u> Reduce the number of steps. <u>Harder:</u> Increase the number of steps Running Challenge: Complete a 5km run. <u>Easier:</u> Start with a 1km run and build up by 200m <u>Harder:</u> Time the run and try to improve your time;