

Year 11 Design Technology Remote Learning

All year 11 students who have opted for Design Technology GCSE have been provided with a GCSE AQA Design and Technology Revision Guide. Students should aim to spend 3 hour per week developing their understanding of "Designing and Making Principles" by engaging with the relevant topics.

Revision information

3.2.1 Selection of materials or components:

<https://studyrocket.co.uk/revision/gcse-design-and-technology-aqa/design-and-technology-aqa/selection-of-materials-and-components>

<https://technologystudent.com/designpro/matintro1.htm>

3.2.3 Ecological and social footprint:

<https://www.sciencedirect.com/science/article/abs/pii/S2214629618307436>

https://technologystudent.com/despro_fish/morals2.pdf

3.2.8 Specialist techniques and processes:

<https://www.bbc.co.uk/bitesize/guides/zkvny4j/revision/1>

<https://classroom.thenational.academy/lessons/what-new-technologies-are-being-developed-that-are-changing-the-way-we-live-and-work-70tkjc>

3.3.2 Environmental, social and economic challenge:

<https://classroom.thenational.academy/lessons/can-nature-make-us-more-environmentally-accountable-6wu66t>

https://technologystudent.com/prddes_2/matecon1.html

3.3.5 Communication of design ideas:

<https://www.bbc.co.uk/bitesize/guides/z6jkw6f/revision/2>

<https://www.bbc.co.uk/bitesize/guides/z6jkw6f/revision/3>

<https://technologystudent.com/designpro/despro1.htm>

<https://www.youtube.com/watch?v=i4zof1Mlhgl>

3.3.6 Prototype development:

<https://www.bbc.co.uk/bitesize/guides/zbstng8/revision/2>

<https://www.bbc.co.uk/bitesize/guides/zbstng8/revision/3>

<https://www.youtube.com/watch?v=Kmidw9ENkx4>

<https://www.youtube.com/watch?v=lyDwivrG1P8>

3.3.9 Material management:

<https://www.bbc.co.uk/bitesize/guides/zbstng8/revision/4>

<https://www.bbc.co.uk/bitesize/guides/zjgyb82/revision/1>

https://technologystudent.com/despro_fish/materials_main1.html

<https://www.youtube.com/watch?v=dG6BTfS52HE>

From the revision guide:

- Read the GCSE AQA Design and Technology Revision Guide Book (blue book) Section Eight (Design and Making) page 94-118
- Complete the GCSE AQA Design and Technology Exam Practice Workbook (white book) Section Eight (Design and Making) page 89-111.

Year 11 Art and Design Remote Learning

All year 11 students who have opted for GCSE Fine Art should aim to spend 3 hours per week developing their understanding of “drawing techniques”.

Oak Academy lesson links:

<https://classroom.thenational.academy/lessons/analysis-c9gkct?activity=video&step=1>

<https://classroom.thenational.academy/lessons/linking-to-a-theme-6hhkcd?step=2&activity=video>

<https://classroom.thenational.academy/lessons/developing-ideas-65j36t?step=2&activity=video>

<https://classroom.thenational.academy/lessons/annotation-6xhk0r?step=1&activity=video>

<https://classroom.thenational.academy/lessons/evaluating-6cup2d>

Additional websites/activities:

BBC Bitesize

<https://www.bbc.co.uk/bitesize/guides/zymtv9q/revision/2>

<https://www.bbc.co.uk/bitesize/guides/zc7mng8/revision/4>

From the art booklet:

- Recall keywords
- Attempt any drawing tasks on paper or a tablet
- Watch the Oak Academy lessons
- ASPIRE: Look at the additional websites

Year 11 Citizenship GCSE Remote Learning

Students who have opted for Citizenship GCSE should aim to spend 3 hours per week revising and developing their understanding of Citizenship Studies by engaging with the relevant Oak Academy lessons and additional revision guides below outlined below:

Oak Academy lesson links:

<https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4/subjects/citizenship>

Revision Guide:

Please use the knowledge organiser on the website for Citizenship and work through the different tasks it directs you to complete.

Year 11 Science GCSE Remote Learning

All Year 11 students should attempt at least 4 hours a week of remote learning for Science. In half-term 6 this will be dedicated to revision in preparation for the exams.

P1 Paper

<https://www.youtube.com/watch?v=bR0boPq3v5Q>

<https://www.youtube.com/watch?v=HAPmwu7byGM>

<https://www.youtube.com/watch?v=A1SyKvdHoqY>

<https://www.bbc.co.uk/bitesize/topics/z89ddxs>

<https://www.bbc.co.uk/bitesize/topics/zcg44qt>

<https://www.bbc.co.uk/bitesize/topics/z3ybb82>

B2 Paper

<https://www.youtube.com/watch?v=Uqti-xPnT-8>

<https://www.youtube.com/watch?v=yLHz2Ea10Mg>

<https://www.bbc.co.uk/bitesize/topics/zyybb82>

<https://www.bbc.co.uk/bitesize/topics/zppffcw>

<https://www.bbc.co.uk/bitesize/topics/zxxhh39>

C2 Paper

<https://www.youtube.com/watch?v=iNXJ259fBa0>

<https://www.youtube.com/watch?v=3G3KQlyoZDI>

<https://www.youtube.com/watch?v=-XCPPB-sBFU>

<https://www.bbc.co.uk/bitesize/topics/zwdqghv>

<https://www.bbc.co.uk/bitesize/topics/z9488mn>

<https://www.bbc.co.uk/bitesize/topics/zgbccj6>

<https://www.bbc.co.uk/bitesize/topics/zysvv9q>

<https://www.bbc.co.uk/bitesize/topics/zptnng8>

P2 Paper

<https://www.youtube.com/watch?v=cKDbzh9MojY>

<https://www.youtube.com/watch?v=eE7OPL7pesA>

<https://www.bbc.co.uk/bitesize/topics/z2j22nb>

<https://www.bbc.co.uk/bitesize/topics/zwkww6f>

Year 11 English GCSE Remote Learning

All year 11 students have been provided with a GCSE EDEXCEL English Language revision guide and work booklet which they are to work through. Students should aim to spend 5 hours per week developing their knowledge and skills for the Literature and Language GCSEs by engaging with the relevant Oak Academy lessons and additional websites/ activities outlined below:

Oak Academy lesson links:

Revisiting Macbeth:

<https://classroom.thenational.academy/units/revisiting-macbeth-91c7>

Revising An Inspector Calls

<https://classroom.thenational.academy/units/revisiting-an-inspector-calls-d1f4>

Revising A Christmas Carol

<https://classroom.thenational.academy/units/revisiting-a-christmas-carol-2c27>

Exam Website:

Edexcel English Language:

<https://qualifications.pearson.com/en/qualifications/edexcel-gcses/english-language-2015.html>

Edexcel English Literature:

<https://qualifications.pearson.com/en/qualifications/edexcel-gcses/english-literature-2015.html>

BBC Bitesize:

Macbeth - <https://www.bbc.co.uk/bitesize/topics/zsctbk7>

Comparing Poetry - <https://www.bbc.co.uk/bitesize/guides/zqnhtyc/revision/5>

Edexcel Language Paper Skills - <https://www.bbc.co.uk/bitesize/examspecs/zgvg6fr>

Year 11 French GCSE Remote Learning-HT4

Students who have opted for French GCSE should aim to spend 5 hours per week developing their understanding of Theme 3 School and Work

Oak Academy lesson links:

School

<https://classroom.thenational.academy/units/school-e843>

18 lessons

Work

<https://classroom.thenational.academy/units/work-bc9c>

18 lessons

In addition students can work through their AQA GCSE Writing Question Booklet

Year 11 Geography GCSE Remote Learning

Students who have opted for Geography GCSE should aim to spend 3 hours per week revising and continue revising for their mock exams and they end of year exams.

Paper 1

Global Hazards:

Tectonic Hazards 10 Lessons -

<https://classroom.thenational.academy/units/tectonic-hazards-5ad7>

Climatic Hazards 11 Lessons -

<https://classroom.thenational.academy/units/tectonic-hazards-5ad7>

Climate and Change 7 Lessons:

<https://classroom.thenational.academy/units/climate-change-02b5>

Global Hazards:

Tectonic Hazards 10 Lessons -

<https://classroom.thenational.academy/units/tectonic-hazards-5ad7>

Climatic Hazards 11 Lessons -

<https://classroom.thenational.academy/units/tectonic-hazards-5ad7>

Distinctive Landscapes:

Introduction 1 Lesson - <https://classroom.thenational.academy/units/major-landscapes-of-the-uk-4974>

Coasts 15 Lessons - <https://classroom.thenational.academy/units/coasts-efff>

Rivers 14 Lessons - <https://classroom.thenational.academy/units/rivers-ba2f>

Paper 2

Dynamic Development:

<https://classroom.thenational.academy/units/understanding-development-a682>

UK in the 21st Century:

<https://classroom.thenational.academy/units/the-economic-future-of-the-uk-0bd6>

Urban Futures:

Urban Growth in Lagos, Nigeria:

<https://classroom.thenational.academy/units/urban-growth-in-lagos-nigeria-6c35>

Population Distribution in the UK:

<https://classroom.thenational.academy/units/population-distribution-in-the-uk-4aea>

Fieldwork:

<https://classroom.thenational.academy/units/fieldwork-2-case-studies-8744>

Year 11 History GCSE Remote Learning

Students who have opted for History GCSE should aim to spend 3 hours per week revising and developing their understanding of Weimar and Nazi Germany and Early Elizabethan England by engaging with the relevant Oak Academy lessons and additional websites/activities outlined below:

Oak Academy lesson link to the whole of the Early Elizabethan England course:

<https://classroom.thenational.academy/units/elizabeth-i-meeting-the-challenge-1558-1588-8fc9>

Oak Academy lesson link to the whole of the Weimar and Nazi Germany course:

<https://classroom.thenational.academy/units/weimar-and-nazi-germany-1919-1939-6b4e>

Year 11 Hospitality and Catering WJEC Remote Learning

All year 11 students who have opted for WJEC Level 1/2 award should aim to spend 3 hours per week revising for Unit 1.

https://www.wjec.co.uk/qualifications/hospitality-and-catering-level-1-2#tab_pastpapers

<https://www.hse.gov.uk/legislation/hswa.htm>

<https://www.hse.gov.uk/riddor/>

<https://envirocare.org/what-is-coshh/>

<https://www.youtube.com/watch?v=OjkXzP9SDIs>

<https://www.youtube.com/watch?v=-mD2hstt7DI>

<https://www.nhs.uk/conditions/food-poisoning/>

<https://www.food.gov.uk/contactconsumersreport-problem/report-suspected-food-poisoning>

<https://www.youtube.com/watch?v=Ys7w4ly8UgQ>

<https://www.youtube.com/watch?v=h7Iag962qsg>

<https://www.indeed.co.uk/Environmental-Health-Officer-jobs>

<https://www.ucas.com/ucas/after-gcses/find-career-ideas/explore-jobs/job-profile/environmental-health-officer>

<https://healthy-kids.com.au/kids/high-school-2/macronutrients/>

<https://www.youtube.com/watch?v=CP1Lzx1wQX8>

<https://www.youtube.com/watch?v=724AXGqQj6k>

<https://www.youtube.com/watch?v=Tokw9GE9hkQ>

<https://www.youtube.com/watch?v=KD-FmeueFUo>

<https://www.youtube.com/watch?v=AKR1g4aHNb4>

<https://www.nhs.uk/conditions/vitamins-and-minerals/>

<https://www.helpguide.org/harvard/vitamins-and-minerals.htm>

<https://www.healthline.com/nutrition/7-common-nutrient-deficiencies#section1>

All year 11 students who have opted for WJEC Level 1/2 award should aim to spend time reviewing "Unit 2".

There is a file attached to support this with relevant Oak Academy lessons linked to some theory and practical work. **No food is required to be made.** These do not link directly to the WJEC exam board, but could help with information linked to diet and nutrition. Additional websites/activities outlined below:

Oak Academy lesson links:

<https://classroom.thenational.academy/lessons/health-and-safety-preparation-and-hygiene-cmw3er>

<https://classroom.thenational.academy/lessons/cooking-techniques-and-preparing-food-safely-68r3ct>

<https://classroom.thenational.academy/lessons/minimising-waste-68vp8e>

<https://classroom.thenational.academy/lessons/an-introduction-to-what-influences-our-food-choices-crtk8c>

<https://classroom.thenational.academy/lessons/recipe-development-71j3gt>

<https://classroom.thenational.academy/lessons/dietary-variety-70w3ed>

<https://classroom.thenational.academy/lessons/new-technologies-in-food-production-6wrk2d>

<https://classroom.thenational.academy/lessons/food-processing-and-organic-farming-6ruk4c>

<https://classroom.thenational.academy/units/chilled-ready-meals-ead3>

<https://classroom.thenational.academy/lessons/how-can-we-ensure-that-a-meal-has-the-correct-balance-of-nutritional-value-for-the-body-ctjpa>

Additional websites/activities:

These do not link directly to the WJEC exam board, but could help with information linked to diet and nutrition.

<https://www.foodafactoflife.org.uk/14-16-years/>

<https://www.bbc.co.uk/bitesize/subjects/zdn9jhy>

Year 11 Mathematics GCSE Remote Learning

All Year 11 students are currently revising for their GCSE in Maths following the Edexcel Specification. We expect students to spend at least 4 hours per week actively revising Maths by engaging with the relevant Oak Academy lessons. Students should be using the revision guides and workbooks they have been provided with in conjunction with the revision lists that have been provided by their maths teacher. Students are also encouraged to actively use HegartyMaths and the additional websites listed below.

Higher Tier

11X1 - Mrs O'Neill

<https://classroom.thenational.academy/units/further-algebraic-fractions-2758>

<https://classroom.thenational.academy/units/functions-f129>

<https://classroom.thenational.academy/units/circle-theorems-1-1521>

<https://classroom.thenational.academy/units/circle-theorems-2-5438>

<https://classroom.thenational.academy/units/histograms-5101>

<https://classroom.thenational.academy/units/further-algebra-change-the-subject-binomial-expansion->

<https://classroom.thenational.academy/units/simultaneous-equations-linear-64b3>

<https://classroom.thenational.academy/units/one-linear-and-one-quadratic-simultaneous-equations-86b4>

<https://classroom.thenational.academy/units/advanced-trigonometry-1-79cc>

<https://classroom.thenational.academy/units/advanced-trigonometry-2-a197>

<https://classroom.thenational.academy/units/advanced-trigonometry-3-1dc3>

<https://classroom.thenational.academy/units/higher-data-1-cf-and-box-plots-bcfa>

Foundation Tier

Classes:

11X2 – Miss Sadik, 11X3 – Mrs Clark-Wright, 11X4 – Mrs Aboud, 11X5 – Mrs Dean

<https://classroom.thenational.academy/units/angle-facts-e0ea>

<https://classroom.thenational.academy/units/parallel-lines-and-polygons-1-8396>

<https://classroom.thenational.academy/units/collecting-like-terms-simplifying-59b1>

<https://classroom.thenational.academy/units/expand-and-simplify-brackets-8710>

<https://classroom.thenational.academy/units/factorising-single-bracket-9220>

<https://classroom.thenational.academy/units/revise-simultaneous-equations-1dba>

<https://classroom.thenational.academy/units/direct-and-inverse-proportion-e702>

<https://classroom.thenational.academy/units/solving-equations-1-one-step-two-step-and-brackets-2ba6>

<https://classroom.thenational.academy/units/probability-3-tree-diagrams-53c5>

<https://classroom.thenational.academy/units/fraction-equivalents-41bc>

<https://classroom.thenational.academy/units/straight-line-graphs-y-mx-c-2e9f>

<https://classroom.thenational.academy/units/fdp-equivalents-2130>

<https://classroom.thenational.academy/units/circles-c694>

HegartyMaths

<https://hegartymaths.com/>

All Year 11 students have been provided with their HegartyMaths login details. Please use this website to complete the tasks that have been assigned by your class teacher. Remember you can complete additional study by watching the videos and completing the quizzes attached to the topic. On HegartyMaths, there is the option to request extra work if you need it or to send a message about a particular question. Please email your class teacher if you require extra help with HegartyMaths.

Additional websites/activities:

<https://corbettmaths.com/>

<https://vle.mathswatch.co.uk/vle/>

<https://www.bbc.co.uk/bitesize/subjects/z38pycw>

Year 11 Spanish GCSE Remote Learning

Students studying Spanish GCSE should aim to spend 3 hours per week developing their understanding of the key three themes by engaging with the relevant Active Learn activities at the website below:

Students need to opt for the AQA GCSE VIVA Foundation / Higher book and work through the 8 modules that cover all three themes as follows:

Theme 1: Identity and Culture

Theme 2: Local, national, international and global areas of Interest

Theme 3: Current and future study and employment

Additional websites/activities:

<https://www.bbc.co.uk/bitesize/subjects/z4dqxnb>

<https://senecalearning.com/en-GB/blog/gcse-spanish-revision/>

Students must also prepare for their GCSE Speaking examination in May 2022. They have to prepare and learn questions for the General Conversation part of the examination. The chosen theme is Theme 2 and students must also prepare answers for Theme 2 and Theme 3 questions. The General Conversation lasts 3-5 minutes at Foundation and 5-7 minutes at Higher so answers need to be sufficient across two topics for this amount of time. Students have been emailed all resources and they can be found also on TEAMS and Class charts.

Year 11 Statistics GCSE Remote Learning

All Year 11 students are currently revising for their GCSE in Statistics following the Edexcel Specification. We expect students to spend at least 3 hours per week actively revising Statistics by engaging with the relevant Oak Academy lessons and the links to the videos and questions from Maths Genie.

Students are also encouraged to actively use HegartyMaths and the additional websites listed below.

Oak Academy lesson links:

<https://classroom.thenational.academy/lessons/bar-charts-6hh3gr>

<https://classroom.thenational.academy/lessons/pictograms-60up8t>

<https://classroom.thenational.academy/lessons/plot-a-histogram-60vk8e>

<https://classroom.thenational.academy/lessons/stem-and-leaf-diagrams-6gr3je>

Revision notes: Tables, Pictograms, Bar Charts, Stem and leaf, pie charts, population pyramids, choropleth maps, histograms and frequency polygons

https://d7dae41c-6434-48e6-a64a-691272fdccba.usfiles.com/ugd/d7dae4_79be232033ce4b0ea737df0b1f964808.pdf

Population Pyramids: Questions

https://d7dae41c-6434-48e6-a64a-691272fdccba.usfiles.com/ugd/d7dae4_460bc12e7c7b48d0b832b17840875e0d.pdf

Choropleth maps: Questions

https://d7dae41c-6434-48e6-a64a-691272fdccba.usfiles.com/ugd/d7dae4_3cd56ae5df4b491ab8e0b243a9ebe940.pdf

Maths Genie (Statistics Revision) links to videos and past exam questions:

<https://www.mathsgenie.co.uk/histograms.html>

https://www.mathsgenie.co.uk/resources/109_histograms.pdf

Higher Tier only

Revision notes: Probability distributions and quality assurance questions

https://d7dae41c-6434-48e6-a64a-691272fdccba.usfiles.com/ugd/d7dae4_34e82a36611d4099bf4a1c3f4122246e.pdf

<https://www.mathsgenie.co.uk/papers/stats/StandardisedScores.pdf>

<https://www.mathsgenie.co.uk/papers/stats/qualityassurance.pdf>

Petersen Capture-Recapture Method

<https://classroom.thenational.academy/lessons/capture-recapture-cguk8t>

<https://www.mathsgenie.co.uk/papers/stats/CaptureRecapture.pdf>

https://d7dae41c-6434-48e6-a64a-691272fdccbba.usrfiles.com/ugd/d7dae4_13ccc8d2c6624e59aac7883cd55b29cb.pdf

Spearman's Rank Questions

https://d7dae41c-6434-48e6-a64a-691272fdccbba.usrfiles.com/ugd/d7dae4_e41df9df3042428f88d6e5439a7e1a07.pdf

HegartyMaths

<https://hegartymaths.com/>

All Year 11 students have been provided with their HegartyMaths login details. Please use this website to complete the tasks that have been assigned by your class teacher. Remember you can complete additional study by watching the videos and completing the quizzes attached to the topic. On HegartyMaths, there is the option to request extra work if you need it or to send a message about a particular question. Please email your class teacher if you require extra help with HegartyMaths.

Additional websites/activities:

<https://corbettmaths.com/>

<https://www.mathsgenie.co.uk/statistics.html>

<https://vle.mathswatch.co.uk/vle/>

<https://www.bbc.co.uk/bitesize/subjects/z38pycw>