

REMOTE LEARNING AUT 1 - Design and Technology

IF YOU HAVE COMPLETED ALL THIS WORK, PLEASE E MAIL ME DIRECTLY FOR EXTENSION TASKS

Sources - AQA GCSE 9-1 Design and Technology Revision Guide, www.technologystudent.com

A full copy of the revision guide can be found on School Shared area (Product, Engineering, Graphics, Tech), - D&T Revision Guide 2020

YEAR 9

Topics to cover:

Energy and Mechanics (pages 48-51)

Properties of Materials etc (pages 60-71)

New Materials (pages 72-73)

Standard Components (pages 74-75)

Finishing Materials (76-77)

Selection of materials (78-79)

Working with Materials (80-81)

Students were to make revision notes in their blue exercise books with clear headings, bullet points etc, however, blue books are here in school as of Jan 4th..

THEREFORE, COMPLETE YOUR WORK USING WORD ON YOUR PC (we can print them out and stick them in your books at school), OR WRITE OUT THE WORK ON LINED PAPER AT HOME. (Again, we can stick in your books when you return).

Each page from the revision guide has KEY WORDS and KEY POINTS and QUICK TEST. These need to be completed for each page. It is a good idea to highlight these points as it will help when it comes to assessment tests.

Page 82-83

Please answer the questions on energy storage and mechanical systems. Write out or type the question and answers.

Pages 84-91 are Practice Questions.

These are exam style questions relating to what we have been learning remotely/studying independently.

Please complete ALL questions. Some will require you to create a table on WORD, or draw up a table on your lined paper. Some questions ask you to create notes and sketches. If you are using paper, this is straightforward. If all your remote work is being done on WORD using your PC, you could maybe draw out the sketches/diagrams and then take a picture using your phone and upload into the WORD document?

Please contact me if you have completed all this work and I will provide further extension tasks. We will be discussing all these topics during our online lessons from Jan 5th.

YEAR 10

Sources - AQA GCSE 9-1 Design and Technology Revision Guide, www.technologystudent.com

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Topics to cover

Standard Materials (pages 74-75)

Finishing Materials (pages 76-77)

Selection of Materials (78-79)

Working with materials (80-81)

Scales of Manufacture (92-93)

Manufacturing Processes (pages 94-103)

Measurement and Production Aids (pages 104-105)

Ensuring Accuracy (106-107)

Students are to make revision notes in their blue exercise books with clear headings, bullet points etc.

Each page from the revision guide has KEY WORDS and KEY POINTS and QUICK TEST. These need to be completed for each page. It is a good idea to highlight these points as it will help when it comes to assessment tests.

Quick Test Questions can be found on each page and more in-depth question at the end of each section. Students must write out the questions in their blue exercise books and answer them. Do not write answers in text book.

Pages 84-91 are Practice Questions.

These are exam style questions relating to what we have been learning remotely/studying independently.

Please complete ALL questions. Some will require you to create a table, or draw up a table in your exercise books. Some questions ask you to create notes and sketches. Be sure to read the questions carefully, write the question out and then answer it.

Pages 112-121 show more Exam style practice questions. Please complete these when you have completed all your revision notes/key words/key points from the pages listed above.

YEAR 11

Students are to continue to complete coursework using the extensive powerpoints on the shared area for NEA help.

(Product, Engineering, Graphics, Tech.....NEA 2020 Aug 10 Update).

It is important that the modelling section is completed, even if you are at home. Cereal boxes are a great source of modelling card. You will see from the help powerpoints that models can be quite 'rough' if they need to be. The important thing is that they are tested for stability and suitability for the phone, and that you include detailed feedback from your client. It is good to show improvements with your models, so if the client asks for this, please adapt your models. **YOU MUST TAKE PHOTOGRAPHS** and upload to your powerpoint and show annotation/client comments.

You are also required to create a page on modelling materials. You can show pictures of various types of modelling options (Styrofoam, MDFG, card, modelling clay etc), and discuss the properties of each and if they would be suitable for your model. Create a table maybe showing each type? www.technologystudent.com has some examples of modelling materials, as does the revision guide which is on the school shared area.