

CREATIVES FACULTY TWENTY MINUTE REVISION TASKS

DRAMA

Task 1

What are the following types of stage? Make a sketch of each and label to show where the audience would be.

Proscenium arch

Thrust

Theatre in the round

Task 2

Write a list of strengths and weaknesses from the point of view of an actor for each type of stage

Proscenium arch

Thrust

Theatre in the round

Task 3

Find out the job role for the following positions and write a sentence to explain this:

Understudy

Theatre manager

Stage manager

Set designer

Task 4

Find out the job role for the following positions and write a sentence to explain this:

Costume designer

Technician

Director

Front of house

Task 5

Draw a 9 grid stage and label where the audience is. Once you have done this draw/label the following items in the correct area

A tree upstage right

A balcony down stage left

A brick wall up stage centre

Task 6

Imagine you are designing a costume for Edward and Mickey in Blood Brothers. What would they wear and why would you suggest this?

Task 7

Imagine you are designing a costume for Mrs Lyons and Mrs Johnstone in Blood Brothers. What would they wear and why would you suggest this?

Task 8

Imagine you are designing the set for Mrs Lyons living room during the superstition scene with the shoes on the table. What would you include and why would you suggest this?

Task 9

Imagine you are designing the set for the classroom in Mickey and Linda's school. How would it look and why would you suggest this?

Task 10

Imagine you are designing the costume for Linda, what would she wear and why would you suggest this?

MUSIC

Task 1

Write out the Elements of Music and memorise at least four associated key words for each element

Task 2

Listen to the set work 'Africa' on You Tube. Write out the structure and memorise four key features of each section.

Task 3

Listen to the set work 'Badinerie' on You Tube. Write out the structure and, using the Elements of Music, write out as many key facts as you can about each section.

Task 4

Using You Tube, choose 10 instruments from the orchestra and listen to each one for two minutes

Task 5

Using You Tube, listen to two minute extracts of music by each of the following composers Bach (Baroque), Vivaldi (Baroque), Mozart (Classical), Haydn (Classical) , Mendelssohn (Romantic) and Tchaikovsky (Romantic). Identify key features of each period of music history.

Task 6

Memorise the key signatures of the following major scales:

C major, G major, D major, A major and E major

Task 7

Memorise the key signatures of the following major scales:

F major, Bb major, Eb major and Ab major

Task 8

Memorise the key signatures of the following minor scales:

A minor, E minor, B minor, F# minor, C# minor

Task 9

Memorise the key signatures of the following minor scales:

D minor, G minor, C minor, F minor

ART

Task 1

Produce a colour wheel to show – Primary, Secondary and Tertiary colours using coloured pencils.

Label the colour wheel, include Complimentary and Analogous colours also.

The colour wheel must show tonal values where the darkest tones radiate out from the centre of the circle, to the lighter tones on the edge.

Task 2

Choose a piece of work from your first artist. Produce a colour swatch of all the colours within the piece of work in acrylic. The colours must match exactly

Task 3

Choose a piece of work from your second artist. Produce a colour swatch of all the colours within the piece of work in water colours. The colours must match exactly

Task 4

Choose a piece of work from your third artist. Produce a colour swatch of all the colours within the piece of work in coloured pencil. The colours must match exactly

Task 5

Choose a piece of work or section of work from one of your artist, produce an artist copy in the medium of your choice

Task 6

Observational drawing – produce a pencil study of a suitable still life object related to your theme. Try working on different surfaces for added interest e.g. corrugated card, newsprint, tracing or super paper layer over each other.

Task 7

Evaluate and annotate the last piece of work using the guides on Showbie to help you. Suggest how it could be improved.

Task 8

Observational drawing – produce a coloured pencil study of a suitable still life object related to your theme (you could try white pencil on black paper).

Task 9

Evaluate and annotate the last piece of work using the guides on Showbie to help you. Suggest how it could be improved.

Task 10

Choose one of your initial ideas, experiment and develop it in a media that is different to what you have already done.

COMPUTER SCIENCE

1. **Flash Cards - Character Sets** - Watch <https://student.craigndave.org/videos/ocr-gcse-slr2-6-characters> and Write out definitions of ASCII, Extended ASCII and Unicode.
2. **Create a Diagram** – Draw the **Von Neumann Architecture** and label each part, noting their role within the system. Watch - <https://www.youtube.com/watch?v=t8H6-anK0t4>
3. **Explain - Secondary Storage** – Watch - <https://student.craigndave.org/videos/ocr-gcse-slr1-3-the-need-for-secondary-storage> - Explain the functional characteristics of contemporary secondary storage devices in terms of suitability, durability, portability and speed.
4. **Seneca Learning** – Complete revision on **Networks and Security**.
5. **Calculate - Binary Shift** – Watch <https://student.craigndave.org/videos/ocr-gcse-slr2-6-binary-shifts> and Use arithmetic shift functions and explain their effect.
6. **Explain** the importance of layers and the **TCP/IP 5- layer model**. Watch <https://www.youtube.com/watch?v=wS8onCEhbhs> and Learn the 5 layers in the correct order.
7. **Explain** - Explain how **Domain Name System (DNS)** servers and **Internet Protocol (IP)** addresses work. Watch - <https://www.youtube.com/watch?v=AJFtD6ZniyE>
8. **Flash Cards - Data Storage**. Watch <https://student.craigndave.org/videos/ocr-gcse-slr2-6-units> and make a rhyme to remember the order from smallest to largest.
9. **Research** examples of **Ethical, legal and environmental impacts** of digital technology on wider society
10. **Flash Cards – Boolean Equation Symbols** - Read https://www.electronics-tutorials.ws/boolean/bool_7.html and create cards for the different symbols.

BUSINESS

Task 1

Complete a question from an exam (All past papers are on moodle).

Task 2

Use the memrise website to revise key terms. <https://www.memrise.com/course/1779715/aqa-business-new-specification/>

Task 3

Use the Seneca learning website to revise topics. <https://www.senecalearning.com/>

Task 4

Learn the formula that will be needed for the exam because it will not be supplied.

Task 5

Read through a topic and test yourself using the BBC bitesize website. <https://www.bbc.com/bitesize/subjects/zpsvr82>

Task 6

Make some revision cards/resources.

Task 7

Read through the notes in your book and redo/improve a question done in class.

Task 8

Use a business CGP revision guide to revise/test on a topic.

ENGINEERING

Task 1

Use this website to complete the Engineering Quizzes. www.the-warren.org

Task 2

From the GCSE Engineering Revision Folder on the shared area. Open the Powerpoint 'GCSE ENGINEERING REVISION VIDEOS' and watch each video. Take notes to enable you to recall key information.

Task 3

From your GCSE Engineering Revision Textbook read through a section and complete the questions to ensure you understand the content.

Task 4

Without using any reference material can you name 5 Ferrous Metals, 5 Non-Ferrous Metals and 5 Alloys. For the Alloys can you name the metals that have been mixed to create the Alloy.

Task 5

Explain 3 ways that are used to help prevent Mild Steel from Rusting. Use reference material to help support your answers.

Task 6

Fixing metal together can be either by Permanent or Non-Permanent Methods. Produce a chart to show and explain 4 Permanent and 4 Non-Permanent Methods.

FOOD PREPARATION AND NUTRITION

1. Make yourself a healthy snack and analyse the macronutrients and micronutrients within it. Justify your answers and try to use **Because, But and So** in your answer.

Macro nutrients (protein, fat, carbohydrate) functions, sources and effects on the body.

Micro nutrients (vitamins and minerals) functions, sources and effects on the body.

2. Make an elderly relative/younger sibling/baby a lunchtime meal and analyse the macro and micro nutrients. Justify your answers and try to use **Because, But and So** in your answer.

3. Watch the following video <https://www.youtube.com/watch?v=7VG3UBxOiHM>

The concept of a healthy balanced diet/the relationship between diet and good health.

4. Make yourself Macaroni Cheese..... Make, Eat and Make Notes on **Gelatinisation**

5. Make your best friends a batch of cupcakes... Make, Eat and Make notes on how the key ingredients change during heating.....**Dextrinisation** to the top of the cake , **Coagulation**

6. Whilst eating your breakfast. List the food additives on a cereal packet – (colourings, flavourings, emulsifiers, antioxidants, flavour enhancers, stabilizers, preservatives) What are these ingredients doing to you?

DESIGN AND TECHNOLOGY

- 1. On your phone, tablet or computer** look on the **TechnologyStudent.com** website in the mechanisms section. Look at the animations of the different types of movements and mechanisms, how they work and where they are used.
- 2. Using BBC bitesize and your revision guide,** review the difference between **Smart Materials and New Materials**. List several examples of these and where they are used.
- 3. Using your revision guide,** randomly choose one of the practice exam questions in the book, think about how you would answer the question, the key points you would make (evidence) and the examples you would use to back this up. Revisiting topics at random helps to strengthen memory pathways for this information and is a good way to revise.

4. **Review the list of designers** and design styles in your revision guide. Choose 2 design styles and 2 designers you especially like and produce a brief revision page / card on them, including key features and important designs.
5. **List as many woods, metals, plastics and paper / board materials as you can from memory.** Group these into Hardwoods / softwoods and manufactured boards (woods), ferrous and non-ferrous (metals) thermoplastics and thermosetting plastics (plastics). Check your answers, then using your revision guide, produce a set of revision cards to improve your memory recall of them.
6. **Look at the chain and sprockets on your (or someone in your families) bike.** Using the formula **Number of teeth on Driven Gear / Number of Teeth on Driver Gear**, work out the Velocity ratio for the highest gear and lowest gear

P.E.

Use BBC Bitesize revision to help you. (PE – OCR)

<https://www.bbc.com/bitesize/examspecs/ztrcg82>

Paper 1

Task 1

Describe the functions of the skeletal system and give a sporting example for how each function allows a performer to play sport.

Task 2

Define the term 'antagonistic muscle pair'

Write down ten antagonistic muscle pairs and give example of the range movement each pair allows.

Task 3

List all three planes of movement, then state the range of movement visible through each plane, then give a sporting example for each.

Task 4

List all three axes of rotation and list a sporting example for each axis.

Task 5

Write out the pathway of a red blood cell starting with the vena cava.

Explain what happens within red blood cells and how this helps a marathon runner.

Task 6

Describe the function of the alveoli.

List the characteristics of the alveoli and how this allows diffusion of gases to occur.

Task 7

Define aerobic and anaerobic respiration.

Give sporting examples for each type of respiration and analyse how each type of respiration allows a person to perform well in sport.

Task 8

Define the following terms;

Stroke volume

Cardiac output

Heart rate

Working heart rate

Resting heart rate

Minute ventilation

Respiratory rate

Tidal volume

Task 9

List all short term effects of exercise on each body system.

Task 10

List all long term effects of exercise on each body system.

Paper 2

Task 1

List all factors that affect participation in sport and explain why.

Task 2

Draw and label the golden triangle and explain how each part affects the other.

List all positive and negative effects of sponsorship on the athlete, the fans, the officials, the sport and the sponsor.