

Elective Home Learning English

Year: 10

Research the following and makes notes:

- What was the importance of 'reputation' in Victorian society?
- What support was there for those of a poorer background in Victorian society?
- What does the term 'Malthusian' mean?
- Identify and define five different conventions of Gothic literature.

Elective Home Learning

Subject: RE

Year: 10

Expected:

1. Define what is meant by the following key terms: Twahid, Monotheistic, Merciful, Predestination, Ibrahim, Allah, Rishala, Imamate, Angels, Supremacy.
2. Make a list of 10 things you know about Islam

Embedded:

1. Create an information page on what Muslims believe about God.
2. Explain two contrasting beliefs about Gods nature according to Muslims. (4 marks)

Exceptional:

1. Interview a Muslim person and create a Podcast about their beliefs and practices. Ask at least 10 questions.
2. Create a comparison chart about the differences and similarities between Shi'a and Sunni Muslims.

Elective Home Learning

Subject DT

Year :9/10

Use Google SketchUp to design a kitchen. Make sure it is your own work (not taken from warehouse!)

Elective Home Learning

Art KS4

Year 10:

Photoshop is a worldwide renowned program that is used to create exciting digital images you may see in day to day life, from posters, to gaming, to webpage's and so much more. But this comes at a cost! Luckily for us developers have created free online versions for us to use, like <http://www.freephototool.com>. Have a play and see what you can create!

Elective Home Learning Business Studies KS4

Year 10:

Next term we will moving onto Human Resources.

Expected

Draw up an organization chart for a company you investigate.

Embedded

Explain how the authority and responsibility is linked to the chart.

Exceptional

Imagine taking a layer of workers out of the chart. Explain the effects this would have on the organization.



Elective Home Learning

Subject: Chemistry

Year 10:

Next half term you will be studying Acid and Alkalis.

Research around pH scale and the definitions of acids and bases

Use Youtube tutorials, the revision guide and bbc bitesize to research and make notes on this topic.

Include diagrams of the pH scale and pH curves as well as the general equations for neutralization reactions forming salts.

You can present your work however you want – information sheets, a poster or revision materials to help you understand the application of the ideas in class.

Bring your completed notes to your teacher by March 25th 2018.

Elective Home Learning

Computer Science

Year: 10

1. Complete a mind map on the following areas of programming:

Data Types

Operators

Constants

Variables

Strings

2. Complete a mind map to explain what “Defensive Design” is:

Elective Home Learning History

Year: 10

History Around Us

We are moving towards our Paper 2 studies which focus on Fountains Abbey.

Research and create notes on the following topics in preparation of this:

- A short history of Fountains Abbey
- St Benedict and the Benedictine Code
- Cistercian monks
- The National importance of Fountains Abbey
- How the site has been changed over time

The new exam will require you to gather information and sources about the site. You may wish to find sources which could be used to support your understanding of Fountains Abbey (A03)

Elective Home Learning

Subject: KS4 Food

Year: 10

Look at the factors that influence food choice.

Produce a mind map of all the factors and explain each one on the branches.

Remember to write in capitals on top of the branch, use colour, drawings and make sure the branches connect.

Elective Home Learning

Subject: Science

Year: 10

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Research around pH scale and the definitions of acids and bases

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Include diagrams of the pH scale and pH curves as well as the general equations for neutralization reactions forming salts.

You can present your work however you want – information sheets, a poster or revision materials to help you understand the application of the ideas in class.

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Elective Home Learning

Subject: Biology GCSE

Year:10

Key points

Always ask **WAGOLL (What A GOOD ONE LOOKS LIKE)**

Aim for **GOLD** in all of your home learning

Choose the homework that is best suited to your learning needs. ***This home learning activity can be substituted at all times**

1. Explain how life would be different if we had an open circulation system or a single circulation system
2. Produce a detailed mind map which summarises your knowledge of the circulation and associated disorders
3. Research **SICKLE** cell anaemia and explain in detail what causes the symptoms.
4. Research **HAEMOPHILIA** and explain in detail what causes the symptoms and possible treatments.
5. **CHD** is a multifactorial disease; explain what these factors are and how they can lead to CHD.
6. Evaluate the use of training to reduce the need for Anaerobic Respiration.

*Propose a personalised **home learning** task to your teacher that will close your **learning gap****

Elective Home Learning

Subject: Geography

Year 10:

We will shortly be covering the 'coastal environments topic' to enhance your prior knowledge, research the area of Bridlington and include the following as a report/fact file:

- Location
- Main attractions
- What hard engineering strategies are used to manage erosion and flooding in the area
- What soft engineering strategies are used to manage erosion and flooding in the area
- The opinions of both tourists and locals on the different schemes

Elective Home Learning

Subject: Physics

Year: 10

Use internet resources such as BBC bitesize or youtube to find out about the following topics:

- Static Electricity
- Electrical Charge, Current, Voltage and Resistance
- Series and Parallel circuits

For each one produce a mind map showing the key points you have found out.

Include labelled diagrams and pictures in your work.