

## INDEX

1. GCSE PHYSICS CLASSES
2. GCSE CHEMISTRY CLASSES
3. YEAR 9 BIOLOGY
4. YEAR 10 SCIENCE (BIOLOGY)
5. YEAR 7 SCIENCE
6. YEAR 11 DRAMA (Mrs. Heasmer's group)
7. YEARS 9, 10 AND 11 DRAMA (Mrs Hopkins Group)
8. GCSE MUSIC CLASSES
9. ART EXAM CLASSES
10. MATHEMATICS FOR YEARS 11, 12 and 13
11. MISS WILLIAMS MATHS CLASSES
12. YEAR 11 GERMAN (Mrs. Johnson) AND SPANISH
13. YEAR 13 GERMAN
14. YEAR 12 GERMAN
15. YEAR 11 GCSE GERMAN
16. YEAR 11 GCSE RS
17. ICT YEAR 12 AND YEAR 13
18. YEAR 10 AND YEAR 11 GCSE ICT
19. YEAR 10 AND YEAR 11 DiDA
20. YEAR 7 ENGLISH
21. YEAR 10 ENGLISH
22. YEAR 11 ENGLISH
23. YEAR 12 ENGLISH
24. YEAR 13 ENGLISH
25. YEAR 10 GCSE PE WORK

## WORK FOR GCSE PHYSICS CLASSES

Look at websites and do the questions:

### **Year 9:**

<http://www.bbc.co.uk/schools/gcsebitesize/science/edexcel/electricityintheory/>

### **Year 10:**

<http://www.bbc.co.uk/schools/gcsebitesize/science/edexcel/waves/>

<http://www.darvill.clara.net/emag/index.htm>

### **Yr 11:**

[http://www.bbc.co.uk/schools/gcsebitesize/science/add\\_aqa/radiation/](http://www.bbc.co.uk/schools/gcsebitesize/science/add_aqa/radiation/)

[http://www.bbc.co.uk/schools/gcsebitesize/science/add\\_gateway/radiation/](http://www.bbc.co.uk/schools/gcsebitesize/science/add_gateway/radiation/)

<http://www.darvill.clara.net/nucrad/index.htm>

ED

## WORK FOR GCSE CHEMISTRY CLASSES

## **Year 9**

Good revision of the periodic table see bbc bitesize. Look at revision and try the tests:  
<http://www.bbc.co.uk/schools/gcsebitesize/science/edexcel/patterns/>

## **Year 9 Chemistry lesson Friday 8<sup>th</sup> Jan**

Colourful Chemistry See p 110/111 of your text book

Write definitions of the following words in your book:

Soluble

Solution

Insoluble

Suspension

Sediment

Precipitation

Precipitate

Cut out and stick the following information on Precipitation reactions into your book (or copy it out if that is easier):

### Precipitation reactions

If 2 solutions react together to form an insoluble substance, this substance 'precipitates' out and is seen as a solid.

Metal hydroxides are usually insoluble, so if we add sodium hydroxide to metal compounds a solid is formed. We can use the colour of the solid formed to identify the metal in the compound.

Copy the chart on p 111 to show the colour of transition metal precipitates.

Answer the following questions from p 111Q 1,2 & 5 Write full answers

## **Year 10**

Again bbc bitesize has good revision. See

<http://www.bbc.co.uk/schools/gcsebitesize/science/edexcel/>

Look at revision and try the tests for all the topics we have covered.

## **Year 11**

Can revise all the above. The edexcel course is not covered fully above Core level, but the following pages are relevant:

[http://www.bbc.co.uk/schools/gcsebitesize/science/add\\_aqa/atomic/](http://www.bbc.co.uk/schools/gcsebitesize/science/add_aqa/atomic/)

[http://www.bbc.co.uk/schools/gcsebitesize/science/add\\_aqa/chemcalc/](http://www.bbc.co.uk/schools/gcsebitesize/science/add_aqa/chemcalc/)

[http://www.bbc.co.uk/schools/gcsebitesize/science/add\\_aqa/chemreac/](http://www.bbc.co.uk/schools/gcsebitesize/science/add_aqa/chemreac/)

[http://www.bbc.co.uk/schools/gcsebitesize/science/add\\_aqa/ions/](http://www.bbc.co.uk/schools/gcsebitesize/science/add_aqa/ions/)

[http://www.bbc.co.uk/schools/gcsebitesize/science/add\\_ocr/properties/](http://www.bbc.co.uk/schools/gcsebitesize/science/add_ocr/properties/)

[http://www.bbc.co.uk/schools/gcsebitesize/science/add\\_ocr/properties/](http://www.bbc.co.uk/schools/gcsebitesize/science/add_ocr/properties/)

DDO

## **YEAR 9 BIOLOGY WORK FOR MRS S HUGES**

You are to design a leaflet on Organic farming.

Areas to cover:

1. What is organic farming?
2. What are the benefits of organic farming to the consumer, farmer and environment?

3. How does the organic farmer control pests?
4. How does the organic farmer get nutrients into the soil if he/she doesn't use chemical fertilisers?

I will grade you on:

- The quality of information you use,
- How much research you have carried out,
- How well your leaflet is presented, words and pictures.

Please bring to the next biology lesson.

Mrs. S Hughes

### **YEAR 10 SCIENCE BIOLOGY**

Use KS4 GCSE Bitesize website to study sense organs and the eye...iris reflex.  
If you have your textbook, use it!

### **YEAR 7 SCIENCE**

Acids and Alkalis; An investigation to observe kitchen edible acids; vinegar, fruit juice, lemonade, cola, fizzy water, lemon juice.

Use smell, appearance and taste [a small drop!]

Put results in a table.

Which was the most bitter..why?

Which had the strongest smell...why?

Which do you think is the most/ least acidic...why?

Bring results to School.

Mrs. A Carey

### **YEAR 11 DRAMA (Mrs. Heasmer's group)**

please could they be writing their drama evaluations for 'Late One Night'.

### **YEAR 9, 10 and 11 DRAMA (Mrs Hopkins Groups)**

#### **Year 9 Drama**

Remember to bring books with completed evaluations to the next lesson.

#### **Year 10 Drama**

Complete all sections of written work based on the practical performance including the evaluation.

#### **Year 11 Drama**

Reread 'Blue Remembered Hills' and write profiles for each of the characters. These should include: Information from the text - in quotation marks where appropriate.

Age and status.

What you learn from other characters.  
What is revealed in the play.

Write a paragraph on how you would play each character, describing stance, body language, gesture, vocal expression and how they interact with other characters.

### **WORK FOR GCSE MUSIC CLASSES**

#### **Yr 10**

Read Section on Chopin in the student guide and listen to track 3 on the CD (Raindrop Prelude) and follow the scores

#### **Yr 11**

Read up "Fusions" and listen to the last 3 tracks on CD2, following the scores

### **WORK FOR ART EXAM CLASSES**

Yr10: Complete sketchbook work

Yr11: Finish mock exam and all preparation work

Yr12: Complete sketchbook work and print out photographs

Yr13: Finish mock exam

AS

### **MATHMATICS WORK FOR YEARS 11, 12 and 13**

#### **Year 7**

Login to [www.mymaths.co.uk](http://www.mymaths.co.uk) remember login is battle and password is circle

Select Data.....Averages.

Try the following: Mean and Mode, Median and Range, All averages.

Read through the lessons carefully first, then try the online homework. Remember to login with your personal login and password. Email me on [robertsa@battleabbeysschool.com](mailto:robertsa@battleabbeysschool.com) if you have forgotten the details.

#### **Year 8**

Login to [www.mymaths.co.uk](http://www.mymaths.co.uk) remember login is battle and password is circle

Select Shape.....2D and 3D shapes.

Try the following: 3D shapes, Nets of 3D shapes, Plans & elevations.

Read through the lessons carefully first, then try the online homework. Remember to login with your personal login and password. Email me on [robertsa@battleabbeysschool.com](mailto:robertsa@battleabbeysschool.com) if you have forgotten the details.

#### **Year 9**

Login to [www.mymaths.co.uk](http://www.mymaths.co.uk) remember login is battle and password is circle

Choose level 6

Select Algebra.....Graphs.

Try the following: Conversion graphs, Drawing graphs, Real-life graphs,  $y = mx + c$

Read through the lessons carefully first, then try the online homework. Remember to login with your personal login and password. Email me on

[robertsa@battleabbeysschool.com](mailto:robertsa@battleabbeysschool.com) if you have forgotten the details.

### **Year 10 set 1 (AR)**

Using your IGCSE textbook: page 146 Travel Graphs

Exercise 63 on Distance/Time graphs then exercise 64 on Speed/Time graphs.

### **Year 10 sets 2 & 3 (AE & FR)**

Login to [www.mymaths.co.uk](http://www.mymaths.co.uk) remember login is battle and password is circle

Choose level Higher

Select Data.....Averages.

Try the following: All averages, Median from frequency tables, stem and leaf

Read through the lessons carefully first, then try the online homework. Remember to login with your personal login and password. Email me on

[robertsa@battleabbeysschool.com](mailto:robertsa@battleabbeysschool.com) if you have forgotten the details.

### **Year 11 all sets**

Login to [Mymaths.co.uk](http://Mymaths.co.uk) website ..... (Login: battle password: circle) ....click on GCSE Higher and then choose Shape.....Vectors 1.

Follow through the lesson first and then do the online homework. This is fairly easy!

Then go to ....Vectors 2 and follow through the lesson. This is quite tricky so take your time and re-read it if necessary.

Now try the online homework.

Remember to login to the homeworks with your personal logins. If you can't remember the details – email me at [robertsa@battleabbeysschool.com](mailto:robertsa@battleabbeysschool.com) and I will remind you.

### **Year 12 both sets**

Either, work through the revision chapters at the end of each chapter covered so far from C2, M1 or C1 to get your brain cells working again!!!

Or, Login to [Mymaths.co.uk](http://Mymaths.co.uk) website, click on A level, choose Edexcel then C1.

There are lots of online revision homeworks here you can choose from.

Remember to login to the homeworks with your personal logins. If you can't remember the details – email me at [robertsa@battleabbeysschool.com](mailto:robertsa@battleabbeysschool.com) and I will remind you.

### **Year 13**

You've probably got your revision all sorted ready for the exams next week but if you need additional revision material, try the A level section on Mymaths which now has C1, C2 and some C3 stuff!

Email me at [robertsa@battleabbeysschool.com](mailto:robertsa@battleabbeysschool.com) if I can help in any other way.

Best of luck people!

Mr. Roberts

### **MISS WILLIAMS MATHS CLASSES**

#### **Year 13 Maths and Further Maths**

Further Pure 2. Continue with Chapter 3 - complex numbers.

Revise Ch 7 Polar Coordinates, Chapter 1 Inequalities, Chapter 2 Series in that order.

#### **Year 12 Maths**

Momentum and Impulse Ex 3G

Conservation of Linear momentum Ex 3H

Mixed Exercise 3I

#### **Year 12 Further Maths**

Chapter 2 Statistics. Mean, median, mode. Work through as far as possible.

#### **Year 9 Maths Set 3**

Use the My Maths website to revise fractions, equations and geometry.

### **YEAR 11 GERMAN (Mrs. Johnson) AND SPANISH**

complete and email coursework task 2 to Mrs. Johnson by Monday

### **YEAR 13 GERMAN**

read A. Andersch up to p. 82 and highlight possible quotations.

### **YEAR 12 GERMAN**

complete AS practice paper and hand it in on Monday.

### **WORK FOR YEAR 11 GCSE GERMAN**

Go to

<http://atschool.eduweb.co.uk/rgshiwyc/school/curric/HotPotatoes/germanindex.htm>

- and then tackle the section on "Vocabulary Revision" - this is one of our major tasks for the term, expanding and securing our knowledge of vocabulary. Work through the tasks, and make yourself separate lists, written or typed, of all useful new words.

### **WORK FOR YEAR 11 GCSE RS**

This half-term we need to finalise the coursework, most of which we have either discussed or written in draft form. Please go to these two websites:

<http://bexleyheath.re.2itb.com/GCSERevision.htm> and go half-way down the page and open the Powerpoint called "Religion and the Media" - work through it and remind yourself of the tasks required.

As back-up, look also at this website:

<http://www.fitzwimarc.org.uk/GCSE/gifiles/media/medmenu.htm>

The one task we have only briefly tackled is the "moral or religious issue in either a TV soap or the national newspapers". If you regularly watch a soap (Hollyoaks? Eastenders?) think back to recent plot-lines, choose one which fits the "moral or religious" agenda, and write

- ..a brief (two-paragraph) summary of that story-line
- ..the moral or religious issue embodied in it
- ..the way the programme treats the issue - think: balanced or one-sided? sensitive or rather crude? gripping and involving for the audience? and if so, how and why?

Bring your written notes next Thursday to the lesson.

Mr. K Anderson

### **ICT YEAR 12 AND YEAR 13**

.....all need to revise regardless of course

### **YEAR 10 AND YEAR 11 GCSE ICT**

.....carry on with coursework

### **YEAR 10 AND YEAR 11 DiDA**

.....carry on with portfolio work

Mr P Usher

### **YEAR 7 ENGLISH**

Please could you do some My Maths and also write a poem or a piece of descriptive writing about the snow. This could be from any aspect, nuisance factor, fun, beauty or even anything philosophical!

Mrs. D Durrant

### **YEAR 10 ENGLISH CLASS (MISS SIMPSON)**

When we return to school we will start work on your coursework essay for 'The Time Machine'

To make sure that you are ready, I would like you to do the following:

1. Read the final chapter and the epilogue and highlight (in your copy of the novel) any interesting ideas to do with
  - The novel's credibility
  - Science (read any notes at the back of the book to help you with this)
  - The novel's warning to the Victorian reader/ Wells' fears
2. Make notes on the following (thinking about the novel as a whole)
  - List what Wells is trying to say to his Victorian reader, his warnings, the consequences of their actions etc
  - List the ways in which Wells makes the future seem like a nightmare world/ dystopia (if unsure of the word, research it)
  - Jot down a few ideas about how he sets about trying to make it seem believable (not that it actually happened of course, but that it COULD happen) e.g. the style/ narrator or character/ use of detail

### **YEAR 11 ENGLISH CLASS (MISS SIMPSON)**

1. During the Christmas holidays you should have written your oral presentation for the Speaking and Listening aspect of the GCSE course. You should use any days missed because of the snow to finalise your work for this oral. The following provides a reminder of what I expect you to have in place by the next lesson.
  - The outline of a speech which should last between 3 and 6 minutes
  - You may have written out your speech in full which is fine but you cannot read your speech – it must be either learnt or ideally, improvised around notes you have made
  - Ideally you will have notes transferred to index cards to prompt you
  - Your speech should contain opinions but these should be supported by facts, if presenting an argument e.g. for or against cloning or examples if discussing an aspect of society e.g. fashion,
  - You may have produced a Powerpoint presentation or visual material to support your discussion but remember that the main focus is your argument/ explanation rather than IT skills or art work

You will have a lesson when we get back to check speeches with me and to practise with other students and then a prep to make any tweaks to it.

### **YEAR 12 ENGLISH CLASS (MISS SIMPSON)**

I would like you to do the following for next lesson

1. Refresh your memory of Act 2 scene 2 (Kit and Angie) by skim reading it
2. Read Act 2 scene 3 (it ends on page 66)
3. Make notes in your book on this scene between pages 45 and 53, using the following questions to guide you
  - **Nell and Win pages 45 to 50**– how are these women presented? Are they presented sympathetically or not? Are there any parallels (similarities or

contrasts) with Angie and Kit? What do we learn here about the attitudes adopted by 'Top Girls' in the late 70s/ 80s?

- **Win interviewing Louise pages 50 to 53** – what do you find interesting about the attitudes expressed by Louise regarding her work? How does Win respond to Louise? Is it what we expect?

The theme of the AS course is the struggle for identity. This includes the role played by women and the way women adapt to suit the period in which they are living, in this case, Thatcherite Britain. How do these pages reflect or explore this struggle for identity? (Jot down a few ideas.)

### **YEAR 13 ENGLISH CLASS (MISS SIMPSON)**

1. Make sure that you have completed the practice paper set for holiday prep. (No excuses!!)
2. Read the final two scenes of 'Betrayal' (and the ones before that if you have missed any lessons)
3. Make notes on Scene 8 – the penultimate scene, focussing on
  - How the relationship between Emma and Jerry is presented in this scene
    - a. Seemingly positive or 'romantic' elements
    - b. Evidence of an underlying tension or uncertainty
  - Betrayal/ infidelity/ disloyalty
  - What is intimated about the relationship between Judith and Jerry
4. Re read the final scene. How does Jerry declare his passion/ desire for Emma in this scene? Look at
  - Language/ clichés / structure/ punctuation
  - The form his desire takes e.g. sexual? Idolatry? Self interest?

Some critics believe that Emma embarks on her affair with Jerry out of pique (annoyance) at her husband's seeming indifference to Jerry's obvious flirtation with her. Do you agree? Disagree? Why?

### **GCSE PE YEAR 10 WORK**

This term we are looking at Officiating for either hockey or netball.

An official is a person who controls a match such as an umpire, referee, line judge or start judge.

1<sup>st</sup> chose the sport you would like to Officiate for, then complete the attached forms. You will find lots

of information on the internet or at your local library. Make sure you bring these sheets to the next lesson.

Officials in Sport

I am going to officiate in .....

List the officials you have in your sport and their roles and responsibilities.

Official	Roles and Responsibilities

Draw out the playing area/pitch and show the areas of responsibility for each official.




Mrs S. Hughes