

# The Final Countdown: 23rd March

This week you should be doing the following for each of your subjects

## ENGLISH

Language: Complete section A of a practice paper on Language Paper 1  
Literature: Revise The Prelude, Storm on the Island, Exposure, Kamikaze

## MATHS

Foundation: Calculating with fractions, calculations with money, currency conversions, unit conversions, time calculations  
Higher: Geometry - perimeter, area and volume, shape properties, geometrical proof

## GEOGRAPHY

Paper 1: Section B - Living World, Tropical Rainforests  
Paper 2: Section B - CEW, Nigeria  
Educake revision guides and quiz questions  
Revision guides and resources and ClassCharts

## SPANISH

Spanish speaking exam preparation:  
Using conversation booklet used previously, look, say, cover, write, check your questions and answers for theme 3 - studying and future plans

## ART

Experimentations of techniques/media/ideas 2  
Recreate your development idea in a range of different media  
Development piece 3 - students need to develop an idea using their research and studies in a response to their chosen starting point  
2hrs independent work and optional period 6

## BTEC SPORT

Complete a case study in your CGP book in preparation for your mock exam

## SCIENCE: PAPER 1

Biology: Microscopes required practical and affect of pH on enzyme activity required practical  
Chemistry: Endothermic and exothermic reactions and temperature changes required practical  
Physics: Resistance of a wire required practical and Density required practical

## HISTORY

**Paper 1: WW1** - The Western Front: military tactics and technology, including trench warfare; the war of attrition; key battles, including Verdun, the Somme and Passchendaele, the reasons for, the events and the significance of these battles (revision guide pages 30-34)  
**Paper 1: America** - The New Deal (revision guide pages 22-27)  
**Paper 2 Health** - Medieval - ideas about natural/supernatural, ideas of Hippocrates and Galens methods, medieval doctors and training, contributions of Christianity, hospitals, Islamic medicine and surgery, medieval surgery ideas and techniques (revision guide pages 2-7)

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This week you should be doing the following for each subject

## PHOTOGRAPHY

Exam Progress: Photoshop development piece 2 Develop and idea using you research and studies in response to your chosen starting point, as well as 2hrs independent work at home and an optional Period 6

## TEXTILES

Experimentations of techniques/media/ideas 2  
Recreate your development idea in a range of different media  
Development piece 3 - develop an idea using your research and studies in response to your chosen starting point, as well as completion of 2 hrs of independent study and/or optional Period 6

## BUSINESS

LAA: Booklet  
Exam style questions  
Complete in your booklet

## ETHICS

Complete practice exam questions on Christian beliefs and Christian practices for an end of topic test based on the re-teach of Christian beliefs and practices

## HEALTH AND SOCIAL CARE

LAA: Booklet  
Exam style questions  
Social Factors P15-16  
ClassCharts quiz of the week

## TRAVEL

LAA: Create flashcards on safety, security and media  
Use the lesson on Teams

## COMPUTER SCIENCE

CGP Revision Book pages 18-20 Paper 1  
Characters: The use of binary codes to represent characters, the term 'character set', the relationship between the number of bits per character in a character set, and the number of characters that can be represented (ASCII, Unicode)  
Images: How an image is represented as a series of pixels, represented in binary, Metadata, the effect of colour depth on the quality and size of an image

## HOSPITALITY AND CATERING

1.2.1 The operation of front and back of house: Workflow of the front of house and catering kitchen, equipment and materials - large, small, utensils, materials for cleaning/health and safety Documentation and administration requirements in a catering kitchen: stock control, ordering, delivery notes, invoices, food safety and health and safety documentation, typical dress code requirements

## ENGINEERING DESIGN

Topic Area 2: Design requirements  
Types of criteria included in an engineering design specification, the difference between needs and wants, quantitative and qualitative data, reasons for the product criteria  
2.2 How manufacturing considerations affect design, how scale of manufacture, types of manufacturing processes and production costs affect design, and typical products manufactured at different scales of manufacture