



# The Final Countdown

This week you should be doing the Following for each exam subject



Exams Countdown

**WEEK 10 – 3<sup>rd</sup> March**

## ENGLISH

Revise the characters of Scrooge, Bob Cratchit, Fred and the characters from Scrooge's past. Create revision cards for each character, include a key quotation used by them or about them and their role in the story. Use your CGP Guide to help you and the BBC Bitesize resources.

<https://www.bbc.co.uk/bitesize/topics/zwhkxsg>

Additional resources on A Christmas Carol can be accessed on the following link:

<https://www.physicsandmathstutor.com/english-revision/gcse-aqa/a-christmas-carol/>

## MATHS

1. Work through the Final Countdown questions emailed to you by your maths teacher. Use the mark scheme to check your work.

2. Work through the pages in your 100 Days to Go Revision Booklet. Watch the video to check your solutions.

3. Complete your Hannah Kettle exam practice paper.

## SCIENCE

**Biology** - Required practical – Osmosis

Watch the video on the method of osmosis - [Required practical - Osmosis](#) [Required practical- biology paper 1](#)  
Use this link to access all revision materials for biology paper 1 required practicals. Use slide 14-20 to apply knowledge to exam questions.

**Chemistry** - Required practical – Temperature change

Watch the video on the method of temperature change - [Required practical -Temperature changes](#) [Required practical- chemistry paper 1](#)  
Use this link to access all revision materials for Chemistry paper 1 required practicals. Use slide 18-22 to apply knowledge to exam questions.

**Physics** - Required practical – Density

Watch the video on the method of density - [Required practical -Density](#) [Required practical-Physics paper 1](#)  
Use this link to access all revision materials for physics paper 1 required practicals. Use slide 11-13 to apply knowledge to exam questions.

## HISTORY

Create a timeline of the LON.

Ensure you include key events from the 1920s and 1930s

## GEOGRAPHY

Create a flow chart on how nutrients and energy move around an ecosystem through its biotic components.

## FRENCH

Read and practice grammar activities for **present tense**:

<https://www.bbc.co.uk/bitesize/guides/z6dx382/revision/1>

Read and practice grammar activities for **future tense**:

<https://www.bbc.co.uk/bitesize/guides/z6qhrj6/revision/1>



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## ART

### **Piece #3 - Artist Copy 1: Piece**

Completed.

Two weeks and a half term should be sufficient time to complete your first Artist Copy.

## RELIGIOUS STUDIES

Complete Sikh Beliefs revision sheet.

Complete Christian & Sikh beliefs/practices in the home booklet.

## BTEC HEALTH & SOCIAL CARE

Economic factors that can have positive or negative effects on health and wellbeing.

Environmental factors that can have positive or negative effects on health and wellbeing.

## PSYCHOLOGY

1. Create a **timeline** of the **development** of the brain. (10 mins)
2. Print a **brain** and annotate different parts. (10 mins)
3. Create **essay plans** for Piaget, Dweck, and Willingham's theory's and for McGarrigle and Donaldson and Hughes's studies. (10 mins for each so 50 mins)

## FILM STUDIES

Watch **Dracula** for Component 1 and make detailed notes about how film form/cinematography is used in the opening and closing sequences of the film and one other key sequence of your choice.

Dracula is available on Sky Store, Google Play, Amazon video and there are also sequences on You Tube.

## BTEC SPORT

Produce mind maps or flashcards for all pre-fitness test procedures.

## BTEC IT

Discuss how modern technologies contribute to inclusivity through interface design. Explain the importance of accessibility features like screen reader support and adjustable font size.

Identify positive and negative impacts of modern technologies on organisational infrastructure. Discuss the challenges of ensuring 24/7 access to distributed data and its impact on collaboration.

Explore the positive aspects of modern technologies on individuals, such as flexibility in working styles. Discuss the potential negative impacts, including mental wellbeing concerns like loneliness and stress.

Analyse the positive aspects of flexibility provided by the modern technologies in terms of remote working. Discuss how technology allows individual to adjust their schedules to meet personal and family needs.

## BTEC BUSINESS

Create a case study business and complete a set of financial documents for this business.

For each document state:

What is the purpose?

What could happen if they were not accurate?

## MENTAL HEALTH TIPS

Keep active – Exercise is proven to have a positive impact on your mental health by releasing endorphins which reduces stress.

Activities could include playing football, yoga or taking a brisk walk.