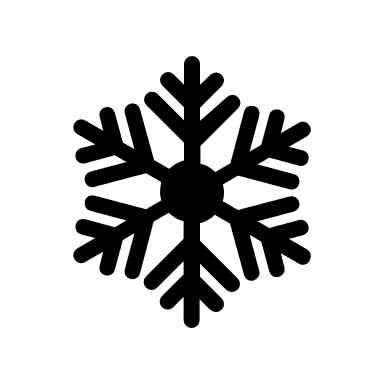
Christmas Home Learning Challenges



GCSE SUBJECT: Mathematics – 11xyma2-1 Miss Meredith

**CHECKLIST**

Topic Priorities from the Mock Exam:

* Written calculations with fractions - non-calc (MW clips 71, 73, 74)
* Basic algebra skills (MW clips 33, 93, 94, 134, 157)
* Linear Sequences (MW clips 37, 102-104, 141)

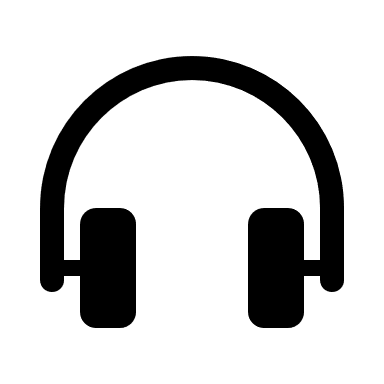
**HOME LEARNING TASK:**

Complete the practice paper attached on satchel one.

I have chosen a paper 2 as many of the questions overlap with questions where we dropped marks in November and paper 2 (calculator) was our weakest in general. A black stopwatch with numbers

Description automatically generated

**Subject Enrichment Challenge:**

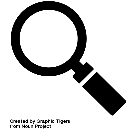
Something to watch / listen: Mathswatch video clip 164 ‘Compound Interest and Depreciation’.

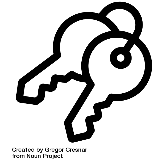
Corbett maths: [Compound Interest Video – Corbettmaths](https://corbettmaths.com/2012/08/21/compound-interest/)

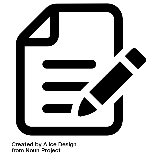
This is one of the final teaching topics coming up in the new term. Please watch them and make notes as pre-learning. You can also have a go at the interactive questions on Mathswatch.

**Making Notes: Wider Reading (Enrichment Challenge)**

Use the following template to help you make notes on each video that you engage with to develop your understanding of the subject’s key ideas and concepts and to apply it to your study in lesson.

**Summary:** *Summarise the knowledge you have now learnt relating to this topic.*

**Key Ideas:** *In this section, record the main ideas and methods of the topic. Consider key words and vocabulary, questions, comments and the big ideas which the video explores.*

Notes: I*n this section, write notes from the video. Try to keep your writing in note-form. This will ensure you can record as much information as possible. You could write a worked example question with the steps to solving this.*

**My Question:**

*(Write your own question which can be solved by someone else in your class in January.)*

Name:

Subject & Topic: