



Christmas Home Learning Challenges



GCSE SUBJECT: Mathematics (Miss Cairns and Mr Hopkins)



CHECKLIST

Subject Priorities from the Mock Exam:

- ✓ Look through your feedback sheet for each paper and go through any red or amber parts on Maths Watch
- ✓ Go onto On Maths and use the past and predicted papers as well as the 'Topic Busters' to help you revise!

HOME LEARNING TASK:

Please complete the attached exam paper. I have amalgamated two papers together. This paper has the first 40 marks of a Paper 2 and the first 40 marks of a Paper 3! If we can get all of these marks, we will be well on our way to a pass at GCSE!



Subject Enrichment Challenge:



Something to watch / listen: Get ahead of the game and watch these videos on Pythagoras! We will be doing this after Volume!

<https://corbettmaths.com/2012/08/19/pythagoras-video/>





Making Notes: Wider Reading (Enrichment Challenge)

Use the following template to help you make notes on each article / lecture / podcast that you engage with to develop your understanding of the subject's key ideas and concepts and to apply it to your study in les

Name:

Subject & Topic:



Key Ideas: *In this section, record the main ideas explored in the text. Consider key words and vocabulary, questions, comments and the big ideas which the text explores.*



Notes: *In this section, write notes from the article / video / podcast. 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.)



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

