

Year 9 Learning at Home Workbooks

Hello! Please ensure you complete the work that is set below on a weekly basis. Work needs to be completed in your booklets and these will be used for next year also, so keep them nice and neat! We have started you on the GCSE books to prepare you for Year 10 in September. We would have been building these skills into your Year 9 work throughout this term. Please email your English teachers if you have any individual questions about any of the tasks below. Good luck!

<u>Date</u> <u>W.B.</u>	<u>Guides to</u> <u>use</u>	<u>Tasks to complete</u>
15 th June Focus: Language Spelling, punctuation and grammar	English Language revision guide and workbook	Read through Page 16 and 17 in the English Language revision guide, today's lesson is all on Spelling, Punctuation and Grammar (SPAG). Once you have understood the information given to you, please complete the tasks on page 8 and 9 of your workbook. Please complete this neatly and ensure that you have thought about what you have learnt in the revision guide! Spelling, punctuation and grammar are all really important to gain high marks in your language papers! It's important you know how to use SPAG correctly.
22 nd June Focus: Understanding the Poetry exam	English Literature Complete Revision and Practice	You will be studying 15 poems for GCSE English Literature across Year 10. To ensure you have the skills in order to analyse these poems, we first need to learn them! Please read, in your Literature revision guide, pages 53-60. This will give you an overview of what you are going to be doing in your poetry exam. Once you have completed the reading, please complete the tasks set within the same booklet on page 61. Please complete this on lined paper and then keep within your guide.
29 th June Focus: Language – Writing Stories	English Language revision guide and workbook	You are going to be reading Section 4 – Writing stories. You will need to use your understanding of SPAG from the first week to try writing your own piece of descriptive writing. Complete the reading on page 54- 56 on how to write a good story. Once you have understood the information in this section, complete the workbook tasks on pages 50 and 51. Your main task is going to be a piece of writing, you can chose to answer either Question 4 or 5 on page 51, or if you're feeling like you want some additional work have a go at both tasks! Practice makes perfect!
6 th July Focus: Poetry Revision- Checking Out Me History- John Agard	Poetry Literature Guide	Read the first page within the Poetry Literature guide. It will give you information about how to use this revision book. You will be studying 15 poems in Year 10 and so it is important you know them all really well! Read through the notes given in the booklet on the poem 'Checking Out Me History' (pages 30+31). Once you have read through the notes please have a go at completing the tasks on this poem on page 34, write these down on lined paper and keep this in your booklet. This is a really relevant poem at the moment and is a particularly relevant topic that has recently hit the headlines!
13 th July Focus: Language- Using Descriptive Language in writing and analysing texts	English Language revision guide and workbook	In today's lesson you are going to use your skills of writing descriptively. So far you have gone through SPAG and had a go at writing a story, now you are going to read about descriptive writing and complete some tasks about how you can use it, in not only English Language, but also when analysing it in English Literature. Please read pages 43 and 44 in the English Language revision guide, once read, please then complete the tasks found in the Language workbook on pages 38 and 39. This will not only test your understanding of descriptive techniques but also how you pick them out of other literary texts!
Summer Holiday work	Some of the other Literature texts you will be studying in Year 10 include the following: An Inspector Calls, A Christmas Carol and Macbeth. You will also be learning all 15 poems in the poetry anthology, the same poems you have in your Poetry Revision Guide. You can use the summer holidays to read through these texts, so that you have a good understanding of them ahead of September! The exam board advises students to read a text, in its entirety at least twice to really understand the characters, plot and theme. Can you get a head start this summer?	

Maths Work Term 6 - Key Stage 4 - Yr9

GCSE Foundation Book			Hegarty Maths
Week	Pages	Things to do	Task to do
15/06/20	Pythagoras 217-218	Read through '19.1 Pythagoras' and make notes from the example on page 217. Complete all the questions in exercise 1 pages 217-218. Mark your work using the answers at the back of the book. Log in to Hegarty Maths to complete the task that has been set for this week.	Task 498
22/06/20	Pythagoras 218-219	Read through '19.1 Pythagoras' and make notes from the example on page 218. Complete all the questions in exercise 2 pages 219-220. Mark your work using the answers at the back of the book. Log in to Hegarty Maths to complete the task that has been set for this week.	Task 499
29/06/20	Volume - Cubes & Cuboids 270-271	Read through '23.4 Volume' and make notes from the example on page 270. Complete all the questions in exercise 1 pages 270-271. Mark your work using the answers at the back of the book. Log in to Hegarty Maths to complete the task that has been set for this week.	Task 568
07/06/20	Volume - Prisms 271-272	Read through '23.4 Volume' and make notes from the example on page 271. Complete all the questions in exercise 2 pages 271-272. Mark your work using the answers at the back of the book. Log in to Hegarty Maths to complete the task that has been set for this week.	Task 570
13/07/20	Surface Area 275-276	Read through '23.5 Surface Area' and make notes from the examples on page 275. Complete all the questions in exercise 1 pages 275-276. Mark your work using the answers at the back of the book. Log in to Hegarty Maths to complete the task that has been set for this week.	Task 584
GCSE Higher Book			Hegarty Maths
Week	Pages	Things to do	Task to do
15/06/20	Standard Form 71-72	Read through '7.3 Standard Form - Multiplying and Dividing' and make notes from example 3 on page 71 and example 4 on page 72. Complete all the questions in exercise 3 page 72. Mark your work using the answers at the back of the book. Log in to Hegarty Maths to complete the task that has been set for this week.	Task 125
22/06/20	Standard Form 72-73	Read through '7.3 Standard Form - Adding and Subtracting' and make notes from example 5 on page 72. Complete all the questions in exercise 4 page 72 and exercise 5 on page 73. Mark your work using the answers at the back of the book. Log in to Hegarty Maths to complete the task that has been set for this week.	Task 127
29/06/20	Multiplying and Dividing Fractions 22-24	Read through '3.5 Multiplying and Dividing Fractions' and make notes from examples 1, 2 & 3 on pages 22-23. Complete all the questions in exercise 1, 2 & 3 on pages 23 - 24. Mark your work using the answers at the back of the book. Log in to Hegarty Maths to complete the task that has been set for this week.	Task 70
07/06/20	Adding and Subtracting Fractions 21-22	Read through '3.4 Adding and Subtracting Fractions' and make notes from examples 1 & 2 on pages 21-22. Complete all the questions in exercise 1, 2 & 3 on pages 21 - 22. Mark your work using the answers at the back of the book. Log in to Hegarty Maths to complete the task that has been set for this week.	Task 66
13/07/20	Expanding Brackets 55	Read through '6.2 Expanding' and make notes from example 6 on page 55. Complete all the questions in exercise 4 on page 55. Mark your work using the answers at the back of the book. Log in to Hegarty Maths to complete the task that has been set for this week.	Task 166

Science work – Year 9

The tasks to work through each week from your CGP guide and workbook from June 15th until the end of the summer term are given below. You will also have a short Educake test and additional online resources to help you will be available via the science home learning page on the academy website. The additional resources will be updated frequently.

Groups: 9SSAngelou / 9SSBoyle / 9SSCurie / 9SNAngelou / 9SNBoyle / 9SNCurie

Week	Topic	CGP Guide pages	Workbook pages
15/6/20	P4 Atomic structure -Atoms and nuclear equations	p.195-197	p.204-208
	Task Instructions: Explain how the model of the atom has developed and explain the atomic model. Explain what isotopes are and compare the 3 main types of nuclear radiation. Complete the workbook questions. Practice the nuclear equations on page 197 and workbook questions.		
22/06/20	P4 Atomic structure – Half-life	p.198-199	p.209-211
	Task Instructions: Summarise page 198 and practice the examples. Practice plotting a sketch graph on paper of the example on page 198 and complete the workbook questions. Produce a safety poster on irradiation and contamination (p199) and explain how we can protect ourselves.		
29/06/20	C4 Chemical change – solutions, acids and bases	p.128-129	p.130-131
	Task Instructions: Define concentration and complete the practice examples on page 128. State and memorise the formula. Explain what the difference is between an acid and base and how they interact to neutralise each other. Complete the workbook questions.		
6/07/20	C4 Chemical change reactions with acids and reactivity series	p.130-131	p.132-134
	Task Instructions: Explain the difference between a strong acid and high concentration. Explain what pH is. Give the general equations for reactions with acids on page 131. Give lots of examples of reactions with acids for practice with both the word and symbol equation. Complete workbook questions.		
13/07/20	C4 Reactivity series, separating metals, redox and electrolysis	p.132-136	p.134-138
	Task Instructions: List the reactivity series regarding metal reactivity. Explain and give examples of a redox reactions. Draw a diagram of electrolysis giving annotated explanations of how it works. Include an example, complete workbook questions if this is complete.		

Groups: 9NSDahl, 9NSEuclid, 9NSFermat, 10SSDahl, 10SSEuclid, 9SSGolding

Week	Topic	CGP Guide pages	Workbook pages
15/6/20	P4 Atomic structure -Atoms and nuclear equations	p.197-198	p.177-178
	Task Instructions: Explain and draw a diagram of the current model of the atom. Explain what isotopes are and compare the 3 main types of nuclear radiation. Complete the workbook questions. Practice the nuclear equations on page 199 and workbook questions.		
22/06/20	P4 Atomic structure – Half-life	p.199-201	p.179-181
	Task Instructions: Summarise page 200 and practice the examples. Practice plotting a sketch graph on paper of the example on page 200 and complete the workbook questions. Produce a safety poster on irradiation and contamination (p201) and explain how we can protect ourselves.		
29/06/20	C4 Chemical change – solutions, acids and bases	p.128-129	p.112-113
	Task Instructions: Define concentration and complete the practice examples on page 129. State and memorise the formula. Explain what the difference is between an acid and base and how they interact to neutralise each other. Complete the workbook questions.		
6/07/20	C4 Chemical change reactions with acids and reactivity series	p.130-131	p.115-116
	Task Instructions: Explain the difference between a strong acid and high concentration. Explain what pH is. Give the general equations for reactions with acids on page 131. Give lots of examples of reactions with acids for practice with both the word and symbol equation. Complete workbook questions.		
13/07/20	C4 Reactivity series, separating metals, redox and electrolysis	p.132-133	p.117
	Task Instructions: List the reactivity series regarding metal reactivity. Explain and give examples of a redox reactions. Draw a diagram of electrolysis giving annotated explanations of how it works. Include an example, complete workbook questions if this is complete.		