

Maths Work Term 6 Key Stage 3 Yr8

| KS3 Book 2 – Answers can be found on the TDA webpage | | | Hegarty Maths |
|---|---|--|----------------------|
| Week | Pages | Things to do | Task to do |
| 15/06/20 | Mode and range 255 and 256 | Read through and make notes from the examples on page 255. Complete all the questions in exercise 1 page 255/256. Mark your work using the answers on the link and complete any corrections. Log in to Hegarty Maths to complete the task that has been set for this week. | Task 404 |
| 22/06/20 | Median 257 and 258 | Read through and make notes from the example on page 257. Complete all the questions in exercise 2 page 257/258. Mark your work using the answers on the link and complete any corrections. Log in to Hegarty Maths to complete the task that has been set for this week. | Task 409 |
| 29/06/20 | Calculating the mean 259 to 260 | Read through and make notes from the example on page 259. Complete all the questions in exercise 3 page 259/260. Mark your work using the answers on the link and complete any corrections. Log in to Hegarty Maths to complete the task that has been set for this week. | Task 406 |
| 07/06/20 | Outliers, Averages from a table 261 and 262 | Read through and make notes from the examples on page 261 and 262. Complete all the questions in exercise 4 page 261 and exercise 1 page 262. Mark your work using the answers on the link and complete any corrections. Log in to Hegarty Maths to complete the task that has been set for this week. | Task 415 |
| 13/07/20 | Averages from a table 263 to 265 | Read through and make notes from the examples on page 263 and 264. Complete all the questions in exercise 2 page 263 and exercise 3 page 264/265. Mark your work using the answers on the link and complete any corrections. Log in to Hegarty Maths to complete the task that has been set for this week. | Task 416 / 417 |
| KS3 Book 3 – Answers can be found on the TDA webpage | | | Hegarty Maths |
| Week | Pages | Things to do | Task to do |
| 15/06/20 | Averages and Range 239 and 240 | Read through and make notes from the examples on page 239. Complete all the questions in exercise 1 page 239/249. Mark your work using the answers on the link and complete any corrections. Log in to Hegarty Maths to complete the task that has been set for this week. | Task 419 |
| 22/06/20 | Comparing averages, range 240 and 241 | Read through and make notes from the example on pages 240/241. Complete all the questions in exercise 2 page 241. Mark your work using the answers on the link and complete any corrections. Log in to Hegarty Maths to complete the task that has been set for this week. | Task 420 |
| 29/06/20 | Averages from a table 242 to 244 | Read through and make notes from the examples on pages 242/243. Complete all the questions in exercise 1 page 242 and exercise 2 page 244. Mark your work using the answers on the link and complete any corrections. Log in to Hegarty Maths to complete the task that has been set for this week. | Task 416 |
| 07/06/20 | Mean from a table 245 | Read through and make notes from the example on page 245. Complete all the questions in exercise 3 page 245. Mark your work using the answers on the link and complete any corrections. Log in to Hegarty Maths to complete the task that has been set for this week. | Task 417 |
| 13/07/20 | Averages, grouped table 246 to 247 | Read through and make notes from the example on page 246. Complete all the questions in exercise 4 page 246/247. Mark your work using the answers on the link and complete any corrections. Log in to Hegarty Maths to complete the task that has been set for this week. | Task 418 |

Year 8 Home Learning – Term 6

To help your Home Learning for English, we have given you a **Study Guide** and a **Workbook**.

The **Study Guide** is the purple book. It is printed in colour and is mainly for reading about new skills and the tasks to complete. If any tasks in this guide require writing, you should use separate lined paper or an exercise book.

The **Workbook** is the white book. It is printed in black and white and is mainly for completing activities neatly after reading the relevant parts of the Study Guide. Please ensure all work is completed **NEATLY** in this workbook. Some tasks will also require separate lined paper or an exercise book.

Please ensure you complete the work that is set below on a weekly basis. **The tasks can be sent via a photo on email to your teacher each week if you'd like to earn some positives – or, you can keep it all together and present it to your teacher when you return to school.** Please email your English teachers if you have any individual questions about any task.

| Date | Guides to Use | Tasks from Study Guide | Tasks from Workbook |
|--|---|---|---|
| June 15th Focus: Purpose, Audience and Context | <ul style="list-style-type: none"> • Study Guide • Workbook | Read the following pages carefully: <ul style="list-style-type: none"> • Page 1 “Audience” • Page 2 “Purpose” • Page 3 “Context” | Apply your understanding from the reading by completing these tasks: <ul style="list-style-type: none"> • Page 1 “Audience” • Page 2 “Purpose” • Page 3 “Context” |
| June 22nd Focus: Reading for Important Information | <ul style="list-style-type: none"> • Study Guide • Workbook | Read the following pages carefully: <ul style="list-style-type: none"> • Page 4 “Tackling Reading Questions” • Page 5 “Finding the Important Bits” | Apply your understanding from the reading by completing these tasks: <ul style="list-style-type: none"> • Pages 4-5 “Finding the Important Bits” |
| June 29th Focus: Figurative Language | <ul style="list-style-type: none"> • Study Guide • Workbook | Read the following pages carefully: <ul style="list-style-type: none"> • Page 12 “Choice of Vocabulary” • Pages 13-4 “Figurative Language” | Apply your understanding from the reading by completing these tasks: <ul style="list-style-type: none"> • Page 11 “Similes and Metaphors” • Page 12 “Personification, Alliteration and Onomatopoeia” • Page 13 “Imagery” |
| July 6th Focus: Mood, Layout and Structure | <ul style="list-style-type: none"> • Study Guide • Workbook | Read the following pages carefully: <ul style="list-style-type: none"> • Page 15 “Mood” • Page 16 “Layout and Structure” | Apply your understanding from the reading by completing these tasks: <ul style="list-style-type: none"> • Page 14 “Mood” • Page 15 “Layout” • <i>Optional Challenge:</i> Complete Page 16 “Structure” to challenge yourself! |
| July 13th Focus: Stories and Poetry | <ul style="list-style-type: none"> • Study Guide • Workbook | Read the following pages carefully: <ul style="list-style-type: none"> • Page 17 “Stories” • Page 18 “Characterisation” • Page 19 “Poems” • <i>Optional Challenge:</i> Read Pages 20-21 “Poetry Conventions” to challenge yourself! | Apply your understanding from the reading by completing these tasks: <ul style="list-style-type: none"> • Page 17 “Stories” • Page 18 “Poetry” |
| Holiday Task (Optional) | Complete the activities on pages 83 of the Workbook . You will plan for, write and edit a creative writing task. | | |

Science work – Year 8

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. When you have attempted the questions from the workbook you should mark them using the answers at the back of the book. 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: 8NSAngelou, 8NSBoyle, 8NSCurie, 8SSAngelou, 8SSBoyle, 8SSCurie

| Week | Topic | CGP Guide pages | Workbook pages |
|----------|--|----------------------------|--|
| 15/6/20 | Revision and end of year assessment | p.4,19,35-38, 48-51, 79-84 | Do 2 pages out of: p.7-11, 40-44, 77-87, 104-112, 163-168 |
| | Task Instructions: Key topics to revise are photosynthesis, respiration, atoms, elements and compounds, chemical reactions, forces and pressure. Choose your weakest area. Make flashcards on this area. Choose at least 2 question pages on this area from your workbook to complete. Your Educake test is your end of year assessment. | | |
| 22/06/20 | Gas Exchange and Breathing | p.12-14 | p.25-28 |
| | Task Instructions: Describe 3 ways which the lungs are adapted for gas exchange. Describe the process of breathing. Count the number of breaths you take sitting down for one minute. This is your breathing rate. Design an experiment to measure the effect of exercise on your breathing rate (you should record this in your book) – carry it out and explain what you have found. Complete pages 25-28 in your workbook. | | |
| 29/06/20 | Acids, alkalis and neutralisation | p.52-53 | p.113-117 |
| | Task Instructions: Give some examples of acids, alkalis and neutral substances. Explain how an indicator can be used to determine if something is acidic, alkaline or neutral. Explain what happens when you add an acid to an alkali. Complete pages 113-117 in the workbook. You can make your own indicator using red cabbage or berries. If you want to have a go look at the link on the Science home-learning page of the school website. | | |
| 6/07/20 | Light waves, reflection and refraction | p.87-88 | p.181-187 |
| | Task Instructions: Make a mind map to summarise the ideas about light, reflection and refraction. Complete pages181-187 in your workbook. Write a message in mirror writing on a piece of paper – hold the message up to a mirror at the end to see if your mirror writing is correct. | | |
| 13/07/20 | Colour and how we see | p.89-90 | p.188-194 |
| | Task Instructions: Explain how we see an object such as a leaf. Explain why the leaf is green. Complete pages188-194 in your workbook. Cut a circle of card and divide it into 8 segments. Colour each segment – yellow, orange, red, blue, green, purple, indigo. Spin the card very fast. What colour do you see? | | |

Groups 8NSDahl, 8NSEuclid, 8NSFermat, 8SSDahl, 8SSEuclid, 8SSGolding

| Week | Topic | CGP Guide pages | Workbook pages |
|----------|--|------------------------------|---|
| 15/6/20 | Revision and end of year assessment | p.4, 19, 34-35, 45-48, 76-81 | Do 2 pages out of: p.7-10, 36-39, 69-77, 94-101, 146 - 159 |
| | Task Instructions: Key topics to revise are photosynthesis, respiration, atoms, elements and compounds, chemical reactions, forces and pressure. Choose your weakest area. Make flashcards on this area. Choose at least 2 question pages on this area from your workbook to complete. Your Educake test is your end of year assessment. | | |
| 22/06/20 | Gas Exchange and Breathing | p.11-13 | p.22-25 |
| | Task Instructions: Describe 3 ways which the lungs are adapted for gas exchange. Describe the process of breathing. Count the number of breaths you take sitting down for one minute. This is your breathing rate. Design an experiment to measure the effect of exercise on your breathing rate (you should record this in your book) – carry it out and explain what you have found. Complete pages 22-25 in your workbook. | | |
| 29/06/20 | Acids, alkalis and neutralisation | p.49-50 | p.102-105 |
| | Task Instructions: Give some examples of acids, alkalis and neutral substances. Explain how an indicator can be used to determine if something is acidic, alkaline or neutral. Explain what happens when you add an acid to an alkali. Complete pages 102-105 in the workbook. You can make your own indicator using red cabbage or berries. If you want to have a go look at the link on the Science home-learning page of the school website. | | |
| 6/07/20 | Light waves, reflection and refraction | p.84-86 | p.162-168 |
| | Task Instructions: Make a mind map to summarise the ideas about light, reflection and refraction. Complete pages162-168 in your workbook. Write a message in mirror writing on a piece of paper – hold the message up to a mirror at the end to see if your mirror writing is correct. | | |
| 13/07/20 | Colour and how we see | p.88-89 | p.173-176 |
| | Task Instructions: Explain how we see an object such as a leaf. Explain why the leaf is green. Complete pages173-176 in your workbook. Cut a circle of card and divide it into 8 segments. Colour each segment – yellow, orange, red, blue, green, purple, indigo. Spin the card very fast. What colour do you see? | | |