**Year 10 Work for the 13th January**

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| **Subject** | **Work Set** |
| **English** | **English First Language**  From your chosen text (novel) analyse two characters and explain how they interact with each other to move the plot forward (300 words)  **IGCSE English Second Language**  You have recently been made to wait for a long time. Write an email to your friend about this experience.   * Explain what happened * Describe how you felt * Describe how you felt when you went home |
| **Biology** | Please watch the following video, in order to prepare for the heart dissection. You should be able to label most of the external and internal structures and be able to track the flow of blood through the four chambers and the major vessels throughout the heart.  Make sure to bring your files in!   1. https://youtube/jU3drsQBjrE |
| **Chemistry** | 1. Read pages 181-192.  2. Answer questions 7.6 – 7.9 on page 187  3. Answer question 3 on page 201  4. Answer question 4 on page 202 and 203.  5. Watch the video on Collision Theory: <https://www.youtube.com/watch?v=OttRV5ykP7A> |
| **Physics** | Physics textbook, Chapter 17, Pages 234 – 237. Read “a bright spark’ then make notes. Read 17.1 “Charging and discharging” then make notes. Attempt to answer questions 17.1, 17.2, 17.3.  Read 17.2 “Explaining static electricity”, “Friction and Charging”, then make notes. |
| **French** | Write phrases in French using page 52 for help, describing what food you eat and what you drink, for breakfast, lunch and dinner. Include opinions, and some examples of the past tense, to say what you ate and drank yesterday. |
| **Business** | In your textbooks turn to pages 81 and 82. Recap the role and functions of management that we looked at last lesson. Create a list of example tasks that a manager of a supermarket might have to carry out for each function. |
| **Spanish** | Use page 38 to read through the text detailing the Intercambio (exchange) visit. Make a full translation (use word reference to look up word/verbs). Revise the immediate future tense in the green box at the bottom of the page. |
| **Art** | Students are to continue with their Ian Murphy artist study at home (2 pages). They are to include the analysis of one piece of work by Ian into this. This will be followed by 2 pages of work created in the workshop. Students are to take photography of vegetables with an interesting inside (core) with pips, pods, and interesting textures. This will be drawn/painted in Ian Murphy technique. |
| **Geography** | Students should go the classroom website [www.mrsralphsclassroom.com](http://www.mrsralphsclassroom.com) continue to take notes from the slides on the below topics for the next lesson. Complete all tasks and questions on the slides.  Year 9: Plate Tectonics |
| **Computer Sci** | Revise for topic test next week (ethics / security chapters). |
| **Arabic and Islamic** | Arabic 1  Read the story that you have written and write a summary.  Arabic 2- Beginners  Practice new vocabulary for the spelling test.  Arabic 2- Advanced  Finish the Project you started in the lesson. |
| **History** | 1) complete any targets in workbooks and tasks given in lesson last week  2) read chapters on Stalin in both issued textbooks |
| **Psychology** | * Read and make notes on the Reconstructive theory of Memory |
| **ICT** | Revise for topic test next week (networks / effects of ICT) |
| **PE** | Students are to complete the set of 12 exercises. They can complete the exercises in any order but they have to complete the correct timings and amounts.  Students should time themselves to see how quickly they can complete the circuit. Students are to then bring their times to the PE department to receive house points. The fastest female/male to bring their timings in to the PE department will receive a reward.  15 burpees  50 squats  45 second plank  100 star jumps  50 sit ups  1 minute wall squat  40 push ups  36 lunges (18 on each leg)  30 second high knees  1 minute skipping  50 side leg lifts (25 on each leg)  15 jump squats |