

Dear Year 8 Student

Your teachers have asked you to complete the following work in the summer holidays and bring to your first subject lesson in September or submit via Google classroom. Try to plan your time well and spread the tasks out over the holiday, your teachers will schedule the work on Google classroom to help you with this. Good luck with all your tasks and we look forward to seeing your work when you return to year 9 in September.

### **Art**

Produce an A3 tonally shaded drawing of a selection of kitchen still life objects such as pots and pans, bottles, knives and forks. Bring your work to your first Art lesson in September.

### **English**

To write and perform a poem from the perspective of a World War One soldier. You will have to present the poem to your English class in a serious manner.

You will need to do some research on WW1, the conditions of the trenches and what it was like to be a soldier during this period of history.

Your poem should include:

- At least 3 stanzas
- Imagery: similes, metaphors, personification
- alliteration
- perhaps some rhythm and rhyme (your poem does not have to rhyme)
- insight into your soldier's thoughts and feelings

You do not need to memorise your poem off by heart but, if you do, there will be extra credit given.

### **Geography**

#### **Geography in the News!**

Over the summer holiday, you should be watching the news or reading a high quality newspaper (This can be from any country). You must identify a story that you see as being related to geography (e.g. Migration or a natural disaster) You must produce a poster/ detailed mind map about the event you have chosen. You should include:

- A summary of the main story
- The impact of the event (Aim high by considering the impacts on people and the environment)
- Why you think that this is geography

Your prediction about whether your event will happen again in the future? Or will it get better or worse and why?

## **History**

### **Doddle Quizzes**

- The English Reformation
- The Elizabethan Era
- The Civil War

## **ICT**

You have to complete a series of exercises and assessments which you will find when you log into <https://www.doddlelearn.co.uk/app/login>. These will be checked when you return in September.

## **Maths**

You have been set tasks to do on Hegarty Maths which will enable you to recap some of the work covered during this year. You must watch the associated video clips, complete the questions in your book and use green pen to correct work you don't get right first time. Your teacher will ask to see this work in September.

## **MFL**

Complete assigned Active learn tasks for GCSE Module 1 (Holidays). Please note that your group will be listed on active learn as Year 9 A/B/C/D/E 2020 -2021. Use the same active learn login details that you use for other subjects where you use active learn. The password is the same for everyone (changeme123) - unless you have already changed it for yourself. There are 5 Units of work for Module 1. Each unit will be available weekly on active learn and must be completed by the end of the week in which it is set.

## **Music**

Log into the website <https://www.incredibox.com> and using the software create your own compositions using the loops provided. Spend some time getting used to the format and when you feel confident and have tried all the loops then you can start recording your first composition. Compose as many pieces as you like over the summer but then select your best completed three compositions. Then save & share.

## **PE**

### **Complete a 4-week food diary**

\*State everything you have eaten over the course of those 4 weeks, including and drinks or snack you have had.

\*Use the table below to help you create your diary

#### **Week 1**

	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>	<b>Sunday</b>
<b>Breakfast</b>							
<b>Snack</b>							
<b>Lunch</b>							

<b>Snack</b>							
<b>Dinner</b>							

### Display Work

\*The PE department would like each student to write a detailed paragraph about what exercise or activities you have taken part in over the Summer to stay fit and active (for example, you may have taken part in some Summer Football camps; or you may have gone swimming everyday on your holidays; or you went for long walks each day in the countryside).

Whatever it is you did to stay fit and active we would like to know about it!!!

\*These paragraphs will be used for a new display board when we return in September.

### RE

Please check Google classroom for your work.

### Science

After the summer holiday you will start the 9-1 GCSE Science course. You will need to prepare yourself for this. The first 3 units are outlined below. Research and answer the questions below. This will ensure that you have revision notes for the end of unit tests. You can complete your notes on the google doc attached to the assignment. There should be no copy and pasting. It should be all your OWN words.

We are splitting the homework into three sections and you will have two weeks to complete each section, this should help you to organise your time. Work will be marked in September but make use of the deadlines to organise your time..... 'Little and often'.

Work will be released and due on the following times:

	Set	Due
Biology- Section one	Monday 20th July 2020	Monday 3rd August 2020
Chemistry- Sections two	Monday 3rd August 2020	Monday 17th August 2020
Physics- Section three	Monday 17th August 2020	Monday 31 <sup>st</sup> August 2020

### Biology –Prokaryotic and Eukaryotic cells.

- 1.What are prokaryotic and eukaryotic cells? Give examples of each.
- 2.Give labelled diagrams of each type of cell.
- 3.State the function of the cell membrane, cytoplasm, nucleus and plasmid.
- 4.How do the sizes of each type of cell compare?
- 5.What is the cell cycle?

6. Give diagrams of the stages involved in the cell cycle.
7. What is mitosis and where does it occur?
8. In detail, explain using diagrams what happens in mitosis.

### **Chemistry- The development of the periodic table**

1. How were elements in the periodic table organised before the discovery of protons, neutrons and electrons?
2. How did the scientists J. Newlands, J. Döbereiner, D. Mendeleev **each** developed the periodic table?
3. How is the modern periodic table organised?
4. How are elements organised into groups?
5. What are isotopes? Give examples of isotopes.

### **Physics- Energy resources**

1. What is the difference between energy resources that are renewable and energy resources that are non-renewable?

#### **Oil, coal, Gas, biomass, wind, solar, tidal, hydroelectric**

2. How are the different energy resources listed above used? (Hint: transport, electricity generation and heating)
3. Give advantages and disadvantages for each of the energy resources listed.
4. Explain why some of these energy resources are more reliable than others.
5. Describe the environmental impact from the use of these different energy resources.

### **Technology**

The summer work is in your Google classroom