KS4 Staindrop Weekly Learning

Week 2 (w.b. 30th March 2020)

English

Over the next week, your child will be…

Year 10:

Students are to complete their revision of Macbeth. They could watch they play to support their understanding and gather the following:

- Key information regarding characters (quotations, if possible)
- Key plot events and character developments
- Key information relating to key themes (Power, Manipulation, Gender, Supernatural, Consequences, Kingship, Control, Moral Dilemmas, Choices)

Grade 5+: Research Shakespeare's intentions with Macbeth: How can links be drawn between Shakespeare's beliefs and Macbeth? Revise the key components of Aristotle's Theory of Tragedy and explain how they are evident in Macbeth.

Grade 7+: How can 'The Big Ideas' be explored in relation to Macbeth? (Human Nature, Society, Religion and Morality, Stereotyping, Gender, Life and Death)

Extension:

If students have already completed this in Week One, they are to begin completing Topic 2: Word Types and Poetic Devices Revision. Students are to provide definitions and examples of the key subject terminology given on Teams.

Mathematics

Over the next week, your child will be…

Year 10:

Mr. Baker:

Using an iterative process to solve equations, exploring algebraic fractions by using all four operations and using factorisation to simplify, and discovering and using the nth term formula for a quadratic sequence.

Mr. Phelps:

Using Venn diagrams to sort sets of data and solve problems including probability, using tree diagrams to calculate the probabilities of combined events and solving simultaneous equations in two variables.

Mr. Gascoigne:

Sharing quantities in a given ratio up to 3 parts, calculating and using the highest common factor and lowest common multiple of a pair of numbers. They will develop their algebra skills by expanding algebraic expressions over a bracket and factorising by using the HCF of given expressions.

Mr. Stonehouse:

Strengthening their use of written multiplication and division to solve problems, using angle facts to calculate missing angles on a line and around a point, and calculating percentages of amounts without a calculator.

Science

Over the next week, your child will be…

Year 10:

In year 10 students will complete workbooks including multiple choice questions, essay questions and note taking exercises covering a range of topics.

In biology students will be explaining evolution using and understanding of variation and inheritance. In chemistry they will be working on the structure, bonding and properties of matter and in physics students will be learning more about the particle model of matter.

Biology
• Variation • Inheritance • Evolution
Chemistry
• Atomic structure • States of matter • Ionic, covalent and metallic bonding • Properties of materials
Physics
• States of matter • Kinetic theory of matter • Specific latent heat • Boyle's law

German

Over the next week, your child will be…

Year 10:

Spending daily time on Quizlet to improve German vocabulary across a variety of topics.

Completing the 'narrow reading' activities on a variety of topics seen this year. Students will need to find differences between the two passages and complete translation activities based on the texts.

Developing answers to GCSE style speaking questions across the topics seen so far this year. There are revision mats and example answers to aid this.

History

Over the next week, your child will be…

Year 10:

Revising the Homestead 1862.

Create a list of the aims of the Act

Create a table of positives & negatives of the Act

Create revision resources about the Homestead Act, for example, a quiz of 10 questions or flash cards

Geography

Over the next week, your child will be…

Year 10:

Investigating how humans can reduce desertification

Attempting exam style questions on hot desert topic

Computing/ICT

Over the next week, your child will be…

Year 10:

Preparing for their exam in Yr11 – the topic is Modern Technologies. They will have reading to do and then questions to answers

Art

Over the next week, your child will be…

Year 10:

Starting the next project 'fantastic forms' by creating a mood board/ mind map.

They should also be completing any unfinished work – double pages on different cultures – see tracking sheet in Files

Photography

Over the next week, your child will be…

Year 10:

Starting the next project 'fantastic forms' by creating a mood board/ mind map.

They should also be completing any unfinished work from the last project and any Basic Element power points that are still unfinished

Design Technology

Over the next week, your child will be…

Year 10: Graphics

Completing their first white model of their pop up page for the book they are producing. Photographs should be taken of what they have made and pasted onto a Word document. This document should then be uploaded into the Assignments Folder

Year 10: RM

Complete a series of design ideas for adjustable lighting based on the work of Sir Norman Foster and Foster + Partners (https://www.fosterandpartners.com/). Photo and place onto a word docment and hand into the Assignments folder

Year 10: Engineering

Follow the instructions in the Assignment Folder. Complete task that investigates one company or a product that is manufactured by the same company.

Year 10: Food

Students are to analyse a product they have made. This product could be something they have made previously at home or at school or something they will make at home in the forthcoming days. Skills, equipment, ingredients and functions of ingredients need to be identified. Sensory testing is to be carried out to suggest improvements. In the files area of Team, there is a skills sheet, nutrient help sheet and sensory word help sheet. Help prepare and cook food where possible. Feel free to upload or email any products to Miss Clement.

Physical Education

Over the next week, your child will be…

Year 10:

Activity
Get your PE kit on and ask your family to join in. https://www.youtube.com/user/thebodycoach1

Reading
Read the links below about some of the personal skills sport can provide and skills you need to be a top athlete.
Ethos - https://www.keithprowse.co.uk/news-and-blog/2018/09/28/what-makes-the-all-blacks-so-successful/

Careers/Jobs
There are a lot of jobs in sport. Have a look at this link to see if there is something you are interested in? https://www.ulster.ac.uk/careersin/sport/career-path

Watch and Learn
Ronaldo - https://www.youtube.com/watch?v=4achmhzLNoY

Business Studies

Over the next week, your child will be…

Year 10:

Working on Component 2. Students are designing their own enterprise which involves creating a business idea, costing the enterprise and risk assessing all aspects of their business.

Health & Social Care

Over the next week, your child will be…

Year 10:

Working on Assignment 2A Health and Social Care Services. Your child will explain how the health and social care services in the local area will meet the needs of each of the individuals in the chosen case study using the template and resources provided to help them.

Dance

Over the next week, your child will be…

Year 10:

Understanding and analysing some of the key techniques used in choreography.

Learning some set choreography and building on own skills and technique.

RE

Over the next week, your child will be…

Year 10

Using the revision material completed students should complete the 2 past exam papers on Religion and Ethics, Christianity, Religion, Peace and Conflict and Islam.

You can find daily tasks for your child to complete on: 'Microsoft Teams'

We would love to see the brilliant work your child is producing at home. Please send us your pictures and we will post as many as we can on our school Facebook page. When we reopen, we will award, points and additional rewards for the best work.

Let's start a competition – who is the hardest working student at Staindrop?

Please contact the school if you having difficulty accessing 'Microsoft Teams' email:contactstaindrop@staindropschool.com