Remote Learning at Monifieth High School

Weekly Schedule for week beginning: **18 May 2020**

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| Curriculum Group | Activity |
| **English** | **S1 and S2** – working on a unit of work on empathy Week 2.  **S4 and S5 N5** – Introduction to N5 unit Week 2 – Annotation of the poem/ textual analysis of poetic techniques. Personal reading. (Reading4Fun Challenge) Personal Reading (Reading4Fun Challenge)  **S5/6** - Introduction to Higher booklet Week 2 Textual analysis of the short story. Personal Reading  **S6** **returning to Higher** – Introduction to Literature unit – first two extracts for Monday then third and fourth for Thursday. Personal Reading.  **AH** – Textual analysis of a poem and creative writing |
| **Classics** | **Higher**  · Continuation of understanding of the life of Julius Caesar  · Learn about the conquest of Gaul  · Build understanding of key Greek myths  **National 5**   * Athenian childbirth traditions * Athenian marriage traditions * Athenian education * The myth of Sisyphus * The myth of Perseus and Medusa * Getting to know the Olympians |
| **Maths** | **S1**: Positive and Negative Numbers  **S2:** Calculator use & Introduction to Pythagoras' Theorem  **Supported S2**: Starting change the subject of the formula  **S4: Statistics**: Revision & continue SD use SIQR, Scatter plots & correlation. Introduction to Line of best fit.  **Supported S4**: Surface area of cubes/cuboids & triangular prisms.  **S5/6 N5 Maths**: Brackets and Factorising  **S5/6 Higher Maths**: Intersection of lines/consolidation of straight line topic  **New S6 Advanced Higher Maths**: Finish Binomial Theorem, Start 1st principles of differentiation  **New S6 Advanced Higher Statistics:** Tree Diagrams and Conditional Probability |
| **Science** | **S1**  **1P1** - Light Topic: Access PowerPoint on 1P1 Team and work through it sending work as directed  **1D1** - Continue with the lessons on Separating Mixtures and set up the Making Crystal Experiment.  **1D2** - Compounds Topic: Access PowerPoint on 1D2 Team and work through it sending work as directed.  **1D4** Are finding out about electrolysis and completing questions to consolidate their learning of compounds.  **1D3**: Starting new topic of “Compounds”, will do particles revision before moving onto definitions of elements, compounds and mixtures and drawing/making diagrams.  **1P3 & 1B2** - Study the PowerPoint on Compounds, elements and mixtures. Make notes on key points. Hand in activities on slides 5 and 18.  **1B1 & 1B3** are on Earth's Resources and next week they will be learning about Alloys and Alkali Metals. Their Assignment deadline will be Friday 22nd May.  **1P1**: Light topic - study the 11th May Light PowerPoint and submit activities as directed on there.  **1P2** - continue with the lessons on Environments and set up the Making Crystals Experiment  **1P4** - “Environments”. Lesson planned for adaptation.  **S2**  **2P1** - make an Immune System cartoon strip.  **2D3** - Signs of a chemical Reaction  **2P2** Are finding out about catalysts and enzymes and completing questions to consolidate their learning of this area.  **2B2** - Electricity Topic: Access PowerPoint on 2B2 Team and work through it sending work as directed.  **2B3 & 2B4** Task 1: Study the video on Simple Chemical Reactions  <https://www.youtube.com/watch?v=Bzu6iQe4wEY>  Make key points  Task 2: Complete the worksheets Simple Chemical reactions 1-3. You may complete the activity on MS Word (Please submit)  **2D2** - Are starting Chemical Reactions and they will be learning to recognise the signs of a chemical reaction as well as the difference between physical and chemical change. There will be an Assignment and a quiz to submit by Friday 22nd May.  2B1 - Task on the chemical industry, produce a PowerPoint or word doc on a chosen sector. The help sheet has loads of suggested areas and video links. |
| **Biology** | **Nat5** – Life on Earth Unit: Access PowerPoint from your teacher on Teams and work through it sending work as directed.  **Higher** – Continue work with Replication of DNA and PCR, Guide pages 2-10, Scholar, BBC bitesize, PowerPoint. Workbook questions Sect 1- 6,8,9,12, Sect 2- 2- 1e), 3b),c), 4, 5 due for Thurs 21/5/20  **Human** – 3 DNA PowerPoints, and workbook questions on DNA (50 marks). This could also take 2 weeks depending on their workload. Some pupils did last week’s task in a week.  **AdvH** – Are looking at different methods of sampling. Working on Liquids and Solutions – will be looking at different types of dilutions and standard curves before moving on to buffer solutions. |
| **Chemistry** | **Nat5** – Topic 1: “Rates of Reaction”: this week pupils focus on learning how to change the rate of a chemical reaction. Homework also given for consolidation.  **Higher**  · Follow the week 3 lesson PowerPoints and use them to fill in pages 14 to 19 of your pupil booklets.  · Lessons covered are: Reaction Profiles, Catalysts and Activation Energy, Types of Catalysts, Forward and Reverse Reaction Profile Calculations & Past Paper Question practice.  · Make sure you watch the videos embedded in your lessons:  o Two YouTube videos on Catalysis  o Dr Miller’s two videos on Reaction profiles  · Complete the Homework Task: Q1 to 7 on page 15 of the ‘Preparing for Higher Calculations’ booklet. Due in Friday May 22nd. Please email answers to your teacher.  **AdvH** – Study Atomic Orbitals and Quantum numbers. They have an Assignment on Electromagnetic Radiation to submit by Friday 22nd May. |
| **Physics** | **Nat5** – Working through slides on a PowerPoint explaining theory of background radiation and half-life. Note taking, video clip and calculation activities.  **Higher** – Higher learners will have to study from the link below. All resources and instructions are uploaded to the link. <https://higherphysics.home.blog/2019/09/16/2-1-particles/>  **AdvH** - Angular equations of motion and experiment 1 planning. |
| **Business/Computing** | **S1 ICT:**  S1 ICT Power Point: Finish the Lion King tasks including animations and links from the menu page then start Harry Potter and work through Pages 1-6.  S1 ICT Dragons' Den: Task 4 - Business Cards  **S2 Comp:** Lesson 2 – Online Grooming  **Nat5 Comp**: IDP – Lesson 7 and Software Design & Development Lesson’s 1-3  **H Comp**: Software Design & Development Lessons 1-5  **AH Comp**: Pupil own program (balloon burst)  **Nat5 Bus Man (JW)**: Understanding Business: Sectors of the Economy and Customer Satisfaction  **Nat5 Bus Man (JM)**: Business Planning and Sectors of Industry Ppt 5+6 pg 33-43  **H Bus Man**: Understanding Business: An introduction to the basic theory of HBM and recap of some N5 BM work  **Nat5 Admin**: Health and Safety (legislation) pg 29-40  **H Admin**: E-mail/ e-diary intro and PowerPoint (tasks1-7) |
| **Technical** | **S1/2**: Practical: Building a small Model House. Worksheets relating to Environmentally Friendly Materials and Wood working Tools. Activities relating to accuracy and measurement in the manufacture of a small building.  **N4/5 Woodwork:** Foundation C&D past papers with only ww questions  **N4/5 Metalwork:** Homework booklet- Task 2  **Nat5 Engineering Science:** Analogue Electronics – download Yenka - parallel circuits.  **Nat5 Design & Manufacture**: Design Factors introduction and Environmental Impact.  **Nat5 Graph Comm**: The 3 Ps Preliminary, Promotional & Production Graphics. Manual graphics Vs Computer Graphics, advantages/disadvantages of each. Booklet to read then a question booklet based on past paper questions.  **H Engineering Science**: Sub system diagrams and analogue control systems  **H Design & Manufacture**: Design Brief & Analysis and Manufacturing Processes.  **H Graph Comm:** Preliminary, Promotional & Production Graphics. Manual graphics Vs Computer Graphics, advantages/disadvantages of each. Booklet to read refreshing knowledge from Nat 5 (this will be new to crash Highers). These topics all feature in Higher course spec too. Answer question booklet question booklet based on past paper questions.  **AH Design & Manufacture**: Research & Specification and Product Selection & Designer Research.  **AH Graph Comm:** Research Worksheet on knowledge and understanding of the types of animation used in industry. Watch the you tube videos on each: Motion capture  <https://youtu.be/2CJ26DEu3E0>  Stop Frame/Motion  <https://youtu.be/_ppedXZHhE0>  Motion tweening  <https://youtu.be/dvACVa8NVVA>  **F1 in Schools**: Team Meeting. Work through activities on F1 In Schools #WorkFromHome programme.  **Nail Bar:** Branding Task & Team Meeting to discuss. Source equipment and uniforms.  **Barista:** Team Meeting, Agree Business branding, complete Logo Design, Source Uniform, complete Young STEM Leader Introduction. |
| **Modern Languages** | **BGE**  **S1** **French**: Pupils are learning to describe activities they like to do. Lesson 4 part I, Studio 1 page 56, Qu’est-ce-que tu aimes faire?  **S1 Spanish**: Pupils will be learning about School subjects, opinions and use of singulars, plurals, and adjectives.  **S2 French:** Pupils will work on the Free time and hobbies topic: pupils are learning how to use the negative form of verbs and talking about what they do online.  **S2 Spanish:** Pupils will continue working on describing their village/town. They will **be using there is/there are and there isn't/there aren't any** **in Spanish.**  **Senior Phase**  **Nat5 French**: S4 pupils have two GLow Assignments due on Friday. One is a revision of the present tense and the other one is a written piece on the topic of new technologies. They should also finish the Bilal Hassani Project.  **Nat5 Spanish:** Pupils should send in any Present Tense work they would like corrected. They will continue to work on the healthy living topic. This week we are learning about healthy lifestyle and daily routine.  **Higher Spanish**: Pupils will continue to work on the topic of family and friendship and revising the Present Tense.  **Higher French**: Pupils will continue to work from the Higher Society Booklet and have will have further grammar exercises to do.  **Advanced Higher Spanish:** Finish off any outstanding work. They will then start to read Como Agua Para Chocolate – the book for their Folio. |
| **Expressive Arts** |  |
| **Drama** | **S1-** Selecting their favourite scene from their “Lockdown” Drama and writing the script for it. Referring to PP to learn about dialogue, stage directions and formatting.  **S2** - Devising tasks 1 and 2 (using Forms)  **Nat5 -** Characterisation and Voice and Movement vocab recap.  1. Complete either a character card/role on the wall for a character in one scene script from previous week.  2. Annotate scene with 5 voice and movement terms.  3. Complete short writing in role task and submit via voice recording to show practical voice ability.  Work posted Monday AM. Live video for Q&A Monday 2pm-2:30pm  **Higher -** Introduction to Higher Section 3: Analysing design and acting concepts in “Frankenstein.” National Theatre online access details on Teams and performance can be viewed, for free, on laptops, PC’s or mobile phones.  **NPS's -** Researching staging and how to annotate a script.  **NC:** Working on Stanislavski presentations on his system of acting/ intro to optional units |
| **Art** | **S1 -** V&A Work Remote learning pack for rest of May will be uploaded Monday 18.05.20.  **S2 -** V&A Work Remote learning pack for rest of May will be uploaded Monday 18.05.20.  **Column A Nat 5:**  **Expressive** - Thursday Begin Expressive Written. Read through Introduction to Vincent Van Gogh PowerPoint. Using the PowerPoint write 5 points about Vicent Van Gogh.  **Design** – Monday Make Pinterest board of possible themes for Design Project and look at and save examples of jewellery.  **Column D Nat 5:**  **Expressive** – Theme Research should be completed and sent to Miss Murray for feedback. Pupils to check Assignments section and emails for feedback.  **Design** – Monday: Continue assignment from Thursday. Writing out prompts from Design Introduction PowerPoint. (FASTME) Thursday: Look over Design folio guide and create design brief using template provided. Begin Thematic research.  **Column A Higher**:  **Design** – 2d deconstruction and manipulation of research images (doodling and sketching) Work posted on a Tuesday for discussion on a Thursday.  **Expressive** - Introduction to Picasso“ Weeping Woman” PP- slides 9-17 Copy out prompts from use of materials/and or technology- use of style  **Column E Higher**: Task 2 Pupils to choose design themes and write a draft collate their investigation images and market research images, All documents have been posted on Teams and copies are also in content library of Class notebook on teams  **Expressive Monday:** Introduction to Picasso “Weeping Woman” PowerPoint read slides 1-8 Write 10 points about the Weeping Woman 1937 from the PowerPoint/internet research. Write a paragraph about Cubism – use PowerPoint/Internet.  **ADvH:** Review of Task 1 theme exploration through PINTEREST boards. www.pinterest.co.uk Task 2 development of theme and imagery. Photoshoot or collected imagery at this stage Due date 18.05.20 18.05.20 Review of task 1 Drawing and Photography research tasks to develop task 2 further. Links posted for RA and other life drawing live classes for this class Monday 18.05.20. |
| **Music** | **S1** - Performing – Skye Boat Song and Mull of Kintyre Composition – Penatonic Melody using <https://www.onemotion.com/chord-player/> New AHS Kahoot challenge posted weekly.  **S2 -** Soundation – online sound production studio. Continue with practical work on instruments that you have at home. Sheet Music in FILES section of Teams.  **Nat5 -** Pupils work on one piece of music per instrument. Continue working through literacy booklets. New AHS Kahoot challenge posted weekly.  **Higher -** Mondays will be Focus on Sound. Working through a different Higher LESSON each week. Thursdays will be practical, depending on what instruments are available at home. This arrangement will continue till school returns. |
| **Music Technology** | **Nat 5** - PP outlining course (late start)  **Higher -** Online assignment about technological developments (H level) Assignment on Microphones. New AHS Kahoot challenge posted weekly. |
| **Photography** | **NPA** – follow work in Teams in Files - (See Brief) Photographer/Genre Research and practical.  **Higher** - Continue to work through the higher booklet covering The digital SLR camera: body and control - resolution output. |
| **Social Subjects**  All resources on class teams | **S1 SS** - Climate Change IDL – Consequences of climate change |
| **Geography** | **S2 Geography** - OS mapping – Map interpretation and enquiry skills  **Nat 5 Geography** - Changes in the CBD, inner city, rural and urban lessons Glasgow  **Higher Geography** – Voluntary migration to the UK/ forced migration from Syria  **Adv Higher Geography** – Sampling techniques, issues essay – summarising and evaluating sources. |
| **History** | **S2 History** - Cold War – Collapse of communism  **Nat5 History** – WW1: Scottish Recruitment to WW1 & Propaganda  **Higher History** – Women and the vote: Suffrage groups – Suffragettes and Suffragettes fact files and research  **Adv Higher History** - AH Biographies/ life in 1930’s Britain research |
| **RME/RMPS** | **S1 RME** - Climate Change IDL - Islam  **S2 RME** - Spring Festivals lessons - Passover  **Nat 5 RMPS** – introduction to life and death/ sanctity of Life  **Higher RMPS** – Utilitarian Ethics/evaluation of Utilitarian ethics |
| **Modern Studies** | **S2 Mod Stud** - How do we punish crime?  **Nat 5 Modern Studies** - Inequalities in the USA  **Higher Modern Studies** - Apartheid Nation/the long walk to freedom. |
| **Tourism** | **Nat 5 Tourism** – Race Across the World activity |
| **Politics** | **Higher Politics** - Power of the media in democracy/control of personal data |
| **Health Improvement** |  |
| **P.E.** | Task:  Watch the following YouTube clip. Analyse the emotions that were possibly experienced by the players of the Cleveland Cavaliers during the NBA Finals of 2017. In the space provided, please describe some of the emotions that the team could have encountered during game 7 of the series. Please refer to specific examples when describing these emotions. \*emotions are a strong feeling that is derived from a circumstance or mood or relationship with others.\*  Please use the SAoL and MHS LQ to complete this task.  <https://www.youtube.com/watch?v=Mxv5h-RZWVs> |
| **H.E.** | **S1 and S2:**  **Task:** You have been given a budget of £48 to buy your weekly shop. Using online supermarkets, create a costing sheet including which ingredients/food you have bought and the price of each. Once completed have a think about what meals you could make using the ingredients you’ve bought.  **Nat5 Fashion and Textile Technology** - Use the power point to develop your knowledge of Exam Command Words. Copy out the exam question and the sample answer and attempt your own answer.  Extension task: watch you tube video on how to make a face mask  **Higher Fashion and Textile Technology** - You are going to research clothing trends from the Victorian times – present times and identify the main changes through the decades. This will be presented as a timeline. |
| **Child Care** | Read Case Studies on Work placements and answer questions. |