Remote Learning at Monifieth High School

Weekly Schedule for week beginning: **8th May 2020**

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| Curriculum Group | Activity |
| **English**  Extension activities available for each group. | **S1 and S2** – working on a unit of work on empathy Week 2.  **S4 and S5 Nat5** – 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.  **AdvH** – Textual analysis of a poem and creative writing |
| **Classics** | **Nat5**  · Focus on Athenian houses  · Importance of Athena  What was the Panathenaia?  **Higher**  · Continuation of understanding of the life of Julius Caesar  · Learn about the conquest of Gaul  · Build understanding of key Greek myths |
| **Maths** | **S1 -** Integers  **S2 -** Brackets and Factorising, Gradient and equation of a line, General revision of CfE Level 4 Topics  **New S4** - Supported class will continue with Volumes  **New S4 Nat5** - Statistics: InterQuartile Range, Semi-Interquartile Range, 5 figure summaries, Standard Deviation, Comparing Data sets.  **New S5/6 Nat5 -** Brackets and Factorising  **New S5/6 H** - Straight line: Altitudes, Medians, Perpendicular Bisectors.  **New S6 AdvH** - Continue with introduction  **New S6 Stats** - Continue with introduction |
| **Science** | **S1:**  **1P2** - should continue with the lessons on Environments  **1D1** - should continue with the lessons on Compounds & Mixtures  **1D4** - Watching an experiment on Youtube to learn about separating mixtures and completing a worksheet to consolidate previous learning  **1D3 & 1D2 -** finishing light topic: looking at how we see colour and the application of light filters and short research project on an aspect of light of their choice.  **1P3 & 1B2 -** need to study the PowerPoint on Compounds. Focus on slides 1-18. Make notes on key points. Hand in activities on slides 7,8, 12, 13 and 18 marked and corrected.  **1B1 & 1B3** Earth's Resources - Identifying Metals from the Periodic Table. What are ores?  **1P1** - Light topic - study the 11th May Light PowerPoint and submit activities as directed on there.  **1P4 -** c “Environments”. Lesson 5 planned and Quiz 1 for consolidation of knowledge.  **S2:**  **2P1** - should continue with the lessons on The Immune System  **2D3** - Physical vs chemical reactions  **2P2** - Rate of reaction: Using a simulation to carry out an experiment on rate of reaction to create an experimental report.  **2B3 & 2B4** Task 1: need to study the PowerPoint on Simple Chemical reactions and submit activities on slides 16, 19, 24, 29 marked and corrected. Task 2: Complete the Homework 1 (Please submit)  **2D2 and 2B2** - Electricity topic - study 11th May Electricity PowerPoint and submit activities as directed on there. |
| **Biology** | **Nat5**  Check Teams as normal to access work provided by your teacher. If you do not have IT available, then complete - Ecosystems Worksheet 2  **Higher**  Homework assignment due Wed 13/5, Replication of DNA 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  **Human** –  Same as week one  **AdvH**  Continuing with work from week 1, on the potential risks and hazards of field work to create a risk assessment which is due by 15/05 |
| **Chemistry** | **Nat5**  **Task 1**: Please find your pupil booklet on OneDrive at Files/Chemistry/National 4&5/Remote learning/Week 2 or on the MHS Chemistry Team.  Read the PowerPoint Measuring the Rates of Reaction (part 3) and take notes/do the questions on jotter. This PowerPoint does not specifically cover any pages of the topic booklet, but it is rather aimed at consolidating calculations involving rates of reaction.  **Task 2:** Homework 1: Rates of reaction, please do questions 1 to 3 (page 2 to 4) for Friday the 15th of May 2020. Pupils can do question 4 the following week.  **Task 3**: Read the PowerPoint Writing Word Equations and take notes on page 9 of your topic booklet. Answer questions in the second half of page 9. Answers are on slide 10 & 11 of the same presentation (they will appear as you click).  **Task 4**: Read the PowerPoint Endothermic vs Exothermic Reactions and take notes on page 10 of your topic booklet. Watch the two videos on slide 8 & 9 of the PowerPoint presentation.  **Task 5 (optional)**: I have prepared a Quiz using Microsoft forms, it is named “Rates of Reactions – Quiz 1”. I will try and share it on Microsoft Teams and OneDrive. Teachers feel free to use it if you know how to use Microsoft Forms on Teams. If you do not feel comfortable erase this last task.  **Higher**  Make sure you have completed last week’s tasks! You should have read the Unit 1 week 1 PowerPoint and used it to fill in the first 8 pages of your pupil booklet and watched the Miss Adams YouTube video on reaction rate calculations.  Follow the Unit 1 week 2 PowerPoint and use it to fill in pages 9 to 13 of your pupil booklet.  Watch the YouTube videos showing the colour change chemical reactions.  Watch the YouTube video summarising Collision Theory.  Watch Dr Miller’s video explaining Energy Distribution Diagrams.  Complete the Rate of Reaction Quiz in Assignments after you have completed all the lessons for Week 2  **AdvH** - Electromagnetic spectrum and spectroscopy.  Assignment - completion of Questions from Higher for 15th May |
| **Physics** | **Nat5 -** (Mrs Dorman) PowerPoint and notes on radiation - Nuclear Radiation  **Higher (Mr Rajcoomar) -** Study from the link below. All resources and instructions are uploaded here.  <https://higherphysics.home.blog/2019/12/04/assignment/>  **AdvH** - Project choice and calculus methods for equations of motion |
| **BCT** |  |
| **ICT/Business/Computing** | **S1 ICT**: Power Point - Finish tasks allocated last week and ensure all slides have been formatted following the instructions up to page 11. OR Dragons' Den - Task 2 - Choosing a name for your product and business.  **S2 Comp**: Online Safety – Lesson 1 – staying safe online  **N5 Comp**: Iterative Development Process – Lessons 4 - 7  **H Comp**: Data Representation – Lessons 4-7  **AH Comp:** Programming – Balloon Burst  **N5 Bus Man (JW)**: Types of Business Organisation (Sectors of the Economy) and Objectives.  **N5 Bus Man (JM)**: Entrepreneurship and Sources of Finance and Help. Ppt 3+4, Pg 26-33 in notes/task booklet  **H Bus Man**: Finishing Subway Challenge. Introduction to Understanding Business.  **N5 Admin**: Administrative Practices – Customer Care – Pg 15-28 in Notes and Activities booklet  **H Admin**: Security and Legislation – Ppt and Activity booklet |
| **Technical** | **S1**: Focus on Mechanisms Quiz in FORMS. Practical TBC.  **S2:** Focus on Mechanisms Quiz in FORMS Architecture follow-on Task. Practical TBC.  **Nat4/5 Woodwork:** FORMS quizzes based on YouTube videos.  **Nat4/5 Metalwork:** Read Theory booklet and answer Homework Task 1.  **Nat5 Engineering Science:** Analogue Electronics- complete series circuits on Yenka.  **Nat5 Design & Manufacture:** Design Process and the Design Team  **Nat5 Graph Comm:** CAD theory-PDF Booklet to read on animation, simulation, rendering, remote working, the paperless office. then answer questions on word template.  **H Engineering Science**: Complete Contexts and Challenges PP and the follow instructions to complete the ENERGY AUDIT tasks.  **H Design & Manufacture:** Material Properties and Identification.  **H Graph Comm**: Colour Theory Revision- Booklet to read on colour theory refreshing knowledge from Nat 5 (this will be new to crash Highers). Answer colour theory question booklet. CAD theory booklet to read. Answer CAD question booklet.  **AH Design & Manufacture:** Historical Context & Timeline. Design Brief, Analysis and Specification.  **AH Graph Comm:** Research Worksheet on knowledge and understanding of the types of graphics used in the Built Environment. Building plans, topological surveys, drainage surveys, underground surveys and feature surveys.  **F1 in Schools:** Team Meeting to discuss Team Roles. Further reading of Competition Regulations (Chapter associated to individuals Team role.)  **Nail Bar:** Branding Task & Team Meeting.  **Barista:** Logo Design, Young STEM Leader, Team Meeting. |
| **Modern Languages** | **BGE**  **S1 French** will continue to work on the Weather activities from the Studio 1 book. Pupils will also have a Pearson task to complete. Due on May 18th.  **S1 Spanish** - Continue to learn about school subjects in Spanish from Viva P54/55  **S2 French**: will be doing some revision of Studio 2 vocab and learning about present tense of -ir & -re verbs  **S2 Spanish** will be working on describing their village/town and using a, some, and many. Please follow the instructions on the PowerPoint carefully as this work should take two weeks.  **Senior Phase**  **Nat5 French**: Pupils have activities from Studio 3 and Bright Red to complete. They also have a social Media project.  **Nat5 Spanish**: Pupils have a PowerPoint presentation and activities on the Present Tense. They will then continue to work from Viva 3 Module 3.  **Higher Spanish**: will start the Family and friendship topic (Society Booklet) and revision of Present Tense.  **Higher French**: Pupils have a PowerPoint and activities on the Past Tense to work through. They will then work from the Higher Society Booklet.  **AdvHigher Spanish**: Finish off work from last week. If you have time, do pages 12 - 15 of the Grammar booklet on the Perfect Tense. |
| **Expressive Arts** |  |
| **Drama** | **S1** - Intro to hot seating and role on the wall. Youtube video to watch and PowerPoint to work through.  **S2** - Docu-drama form quiz.  **Nat5** - Response to stimulus work. Short, quick thinking response to stimulus. Idea board. 5-scene plan. Work posted Monday AM. Live video for Q&A Monday 2pm-2:30pm  **Higher** - Introduction to Higher Section 3 (Performance Analysis) and Practical Exam (Design specialism) Reading script extracts to consider for practical exam.  **AdvH/NPA** - Researching Theatre roles and staging  **Adv H/NC** - Stanislavski research & quiz, followed by reading monologues. |
| **Music** | **S1** - Twinkl Scottish Music PP. Performing – Skye Boat Song and Mull of Kintyre. Composition – Watch links to #RSNO challenge 2 and Mrs Edgar’s performances. Create own pentatonic melody.  **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 -** We will be uploading music PDFs for those who have instruments at home. Pupils will have access to the N5 literacy book to work through with YouTube links for music literacy explanations.  **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** | **Nat5 -** PP outlining course (late start) Online assignment about technological developments (N5 level)  **Higher** - PP outlining course (late start) Online assignment about technological developments (H level) |
| **Art** | **S1** - V&A Work TBC (AL) - Work uploaded on Monday  **S2** - V&A Work TBC (AL) - Work uploaded on Monday  **Nat5**  Column A: Expressive - Thursday - Review and discuss chosen Still Life themes and objects. Design – Monday Make Pinterest board of possible themes for Design Project and look at and save examples of jewellery.  Column D: Expressive - Monday - Review and discuss chosen Still Life themes and objects. Design – Thursday - Introduction to Design PowerPoint, begin write out FASTME  **Higher**  Column A: Design - design theme investigation and market research, selection of context and writing of brief. Work posted on a Tuesday for discussion on a Thursday. Expressive - Introduction to Picasso “Weeping Woman” PP- read slides 1-8 Write 10 points about the Weeping Woman 1937 from the PP and internet research. Write a paragraph about Cubism – use PP/Internet.  Column E Higher: Design: Welcome pack and introduction to course structure.  <https://www.understandingstandards.org.uk/Subjects>  <https://www.sqa.org.uk/sqa/47892.html>  Task 1 Pupils to consider design theme their investigation images and market research images, selection of context and writing of brief.  · Word doc for brief and Pinterest boards for research  · Date due next Thursday 14.05.20  Expressive - Monday: Introduction to Picasso. Watch 2 videos and take notes. Modern Masters: Picasso  <https://www.youtube.com/watch?v=QAVisjeVwA&feature=youtu.be>  15 things you didn’t know about Picasso:  <https://www.youtube.com/watch?v=KAhKliHimVs&feature=youtu.be>  **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 14.05.20 |
| **Photography** | **Nat5**  NPA – follow work in Teams in Files - (See Brief) Photographer/Genre Research and practical.  **Higher** - Continue to work through the higher booklet covering Amateur Photography - Journalist/Editorial Photograph this week |
| **Social Subjects**  All resources on class teams | **S1** **SS** - Climate Change IDL – Causes of climate change |
| **Geography** | **S2 Geography** - OS mapping – Relief and contours  **Nat 5 Geography** - Land use structure Glasgow  **Higher Geography** – Population studies related to age, youth and migration.  **Advanced Higher Geography** – Continuation of folio introduction, risk assessments and Harvard referencing |
| **History** | **S2 History** - Cold War – Leaving Vietnam  **Nat5 History** – WW1: Researching Battle of Loos and Battle of Somme  **Higher History** – Women and the vote: Changing Attitudes to Women pre 1914  **Advanced Higher History** - AH Biographies and history of Prime Ministers/ political parties research task |
| **RME/RMPS** | **S1 RME** - Climate Change IDL - Islam  **S2 RME** - Spring Festivals lesson – Holi/ Caste System in India  **Nat5 RMPS** – Consequentialism research and Utilitarianism prezi  **Higher RMPS** – Consequentialism research and Utilitarianism prezi |
| **Modern Studies** | **S2 Mod Stud** - What is crime like in Dundee?  **Nat 5 Modern Studies** - Inequalities in the USA.  **Higher Modern Studies** - History of South Africa/Born a Crime reading |
| **Politics** | **Higher Politics** - Political power and dictatorships |
| **Tourism** | **Nat 5 Tourism** – Tourism vocabulary/ Race Across the World Tasks |
| **Health Improvement** |  |
| **P.E.** | **All Year Groups**  Complete a 5km walk, jog or run (map out a route that is the required distance and ensure that you appropriately distance yourself from others to stay safe)  **Task:**  Within the days Monday-Friday, complete 5km distance worth of exercise either walking, jogging or running. Please ensure that you pick a safe route to complete this task. The 5km does not need to be completed in one attempt and can take place over the 5 days (for example, completing 1km each day). Record the time it takes you to complete the distance required. Take a note of the total time it took for you to complete the 5km, the route that you took and the 2 things that you enjoyed most about this task. In your answer you can refer to the SAoL and the MHS LQ.  Good luck. |
| **H.E.** | **N5 Fashion and Textile Technology**  Use the PowerPoint to develop understanding of previous trends through the decades. Pupils must decide on a decade to research and create a mood board highlighting the key trends of chosen decades.  Watch the YouTube video and create a glossary of the machine parts. If you have a sewing machine, practice threading it up.  **Higher Fashion**  Contact remotely Grandparents, parents, aunties / uncles, even Great grandparents to discuss fashionable trends through the eras. Gather this information in the form of a mind map. Consider different decades / what was in fashion / why? Colours / styles / lengths. You might even want to include some photos of your family from this time. |
| **Early Education and Childcare** | Researching services in local area.  Worksheet will be on Teams |