## Remote Learning at Monifieth High School

Weekly Schedule for week beginning: **22 June 2020**

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| Curriculum Group | Activity |
| **English** | **S1/3** – Theme park Week 4. Persuasive techniques and creation of an advertising leaflet for their theme park. **S4/Nat5** - Introduction to Literature unit to be completed over the holidays. Seven extracts with questions to be answered. **Higher** – As above. Private reading for all – Reading Challenge is still running. |
| **Classics** | **S3** * Mapping ancient Greece
* The importance of Ithaca
* Understanding the Odyssey
* The Oracle of Delph

**Nat5** * Summary of the Iliad
* Summary of the Odyssey
* The importance of Homer
* Metics in Greece
* The myths of Actaeon, Io and Phaeton

**Higher** * The weakening of the Roman Republic
* The reforms of Marius
* The mechanics of Republican politics
* The collapse of the Republic
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| **Maths** | **S1:** Continuing with fractions **New S3**: Changing the subject of a formula**New S3 (supported):** Rotational symmetry **New S4 (Nat5):** Continuing with Trigonometry **New S4 (Supported):** Adding/Subtracting Fractions **New S5/6 (Nat5):** Volume **New S5/6 (Higher):** Continuing with Trigonometry **AdvH Maths:** Continuing with Properties of Functions **AdvH Stats:** Types of Distributions |
| **Science** | **1P1** - Compounds: access PowerPoint dated 22nd June in Files on Teams with directions for work to be submitted **1D1** - Continue with the Environments topic. **1D2** - Environments: access PowerPoint dated 22nd June in Files on Teams with directions for work to be submitted. **1D4** - Use the simulator to create an experiment to investigate light intensity on photosynthesis.**1D3:** Second lesson of Environments. Food chains and food webs: complete PowerPoint lesson and move on to questions for consolidation (word doc). Ensure all other tasks are complete. **1P3 & 1B2** - Task 1: Study the PowerPoint on Corrosion. 1. Submit answers to slide 4 (research answers to the questions)
2. Analyse slide 5. Write an aim, hypothesis, independent, dependant variable, and controlled variable for the investigation
3. Study the following videos:

 <https://www.youtube.com/watch?v=XMr4vse7Ybo><https://www.youtube.com/watch?v=jQoE_9x37mQ> Submit key point on the video analysis. Task 2: Research on how corrosion may be prevented.**1B1 & 1B3** - Calculating average speeds. Difference between average and instantaneous speeds. **1P2** - Try the amazing penny experiment. **1P4** - “Earth Resources” |
| **Biology** | **S3** – Onto Insect and Human lifecycles **Nat5** – Unit 3, Life on Earth - access PowerPoint dated 22nd June in Files on Teams with directions for work to be submitted. **Higher** – Consolidate and catch-up on first booklet. Data handling practice questions. **Human** – Data handling questions. **Adv H** - Learning about the processes of morphology and taxonomy (JH). Separation techniques – use of antibodies. Past paper question to be submitted. Ensure all other tasks are complete. (AM) |
| **Chemistry** | **S3 -*** Read lesson 5 on fire safety, follow the instructions and watch the videos.
* Complete the true or false end of term quiz.

**Nat5** – “Atoms and the Periodic Table” Isotopes and R.A.M. + Summary” **Higher -*** Attempt all the mixed calculation questions from Unit 1.
* Complete the summary questions on pages 37 to 42 at the back of your pupil booklet.
* Reminder: complete the “Controlling the Rate Homework 1A” in the homework booklet and submit to your teacher by Wednesday 24th June.

**AdvH** - Colour in transition metals and catalysts. |
| **Physics** | **S3 –** Continuing their work on pressure by looking at the kinetic model and gases. Theory, problem solving questions and some calculations. **Nat5 –** Moving on from Absorbed Dose, applying the radiation weighting factor and investigatingEquivalent Dose with some tricky calculations. **Higher –** Higher learners will have to study from the link below. Topic: Nuclear Reactions Complete Task 3-4. <https://higherphysics.home.blog/2019/09/16/2-1-particles/>**Adv -** Frictional Torque and consolidations and investigation project underlying physics. |
| **Business/Computing** | **S1 Comp:** MHS PowerPoint or Dragons Den Evaluation **S3 Bus Man**: Factors of Production (PPT resource same as last week) **S3 Comp**: Own Game **Nat5 Comp**: Lesson 10 – Pizza Challenge **Higher Comp**: Lesson 14 – Programming Task Booklet (tasks 1-4) **AdvH Comp:** Finish game booklets **Nat5 Bus Man (JW):** Stakeholders/ Understanding Business Revision Tasks **Nat5 Bus Man (JM):** Internal and External Influences **Higher Bus Man:** Different Organisational Structures/ Revision Tasks **Nat5 Admin:** Word Processing – Notices and Letters **Higher Admin**: Characteristics of Effective Teams |
| **Technical** | **S1:** 1. Week 3 Reflection Form
2. Monifieth Marble Run Challenge Design, Engineering and Practical Activity.
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| **Design and Manufacture** | **S3:** 1. Week 3 Reflection Form
2. Designing for Society. Toothbrush for the Elderly Researching, Generating Ideas and Modelling.

**Nat5/Higher:** Please complete and submit any outstanding work. Have a go at the SQA 2019 Question Paper questions outlined in the Week 8 folder. Prep for August snapshot. **AdvH:** Continue design opportunity research and take a look at the 2019 SQA Question Paper for Advanced Higher. Prep for August snapshot. |
| **Engineering Science** | **S3:** Analogue Electronics - Parallel circuits**Nat5:** Kahoot quiz - Ohms Law**Higher:** Assignment. Youngs modulus of elasticity |
| **Graphic Communication** | **S3:** British Standards Conventions, 3rd Angle Projection, Dimensioning, BS Symbols. Booklet to read then a word worksheet to complete. **Nat5:** 2D and 3D Computer Aided Drawing Terminology. Drawing and editing commands. Booklet to read, then a question booklet to complete. **Higher:** 2D and 3D Computer Aided Drawing Terminology. Drawing and editing commands. Refreshing knowledge from Nat 5 (this will be new to crash Highers). Booklet to read, then a question booklet to complete. **AdvH:** Research Worksheet on knowledge and understanding of the main file types used in industry for - CAD Standard Tessellation Language/stereo lithography file format (stl) Direct Exchange Format (dxf) Drawing Format (dwg) Virtual Reality Modelling Language (vrml) 3D Studio (3ds) files Graphics Media Joint Photographic Experts Group (jpg) Portable Network Graphics (png) Bitmap Image file (bmp) Portable Document Format (pdf) Adobe Illustrator file (ai) Windows Media Video (wmv). |
| **Woodwork** | **S3:** FORM How to plane correctly**Nat4/5:** Past paper questions |
| **Metalwork** | **S3:** Homework exercise 3**Nat4/5:** Kahoot quiz - Materials |
| **STEM/Developing the Young Workforce** | **F1 in Schools:** New teams Phoenix and Fusion complete week 4 of their fourweek plan (agreed at previous Friday meeting). Pupils should also complete their introduction for Team Social Media channels. Prodesktop still available to download on year group Teams if required, but pupils can also download Autodesk Fusion free online. Team Meeting at 12:30 on Friday to agree Summer Plans.Dynamic Racing and existing Phoenix Racing continuing to pull together all hand-ins for Virtual National Final. Online meeting on Wednesday at 3:00pm.**Nail Bar:** 3-4 pupils will be chosen to represent the team at initial Branding Meeting with partner agencies on Wednesday 24th June, 2pm. Permission e-mail for this must please be returned in advance by Parent/Carer. Also, online Nail Art Tutorials to work through. Home Learning packs should be available to collect at the school office- more details in Teams.**Barista:** 3-4 pupils have been chosen to represent the team at initial Branding Meeting with partner agencies on Thursday 25th June, 2pm. Permission e-mail for this must please be returned in advance by Parent/Carer. |
| **Modern Languages** | **S1 French**: Pupils to complete End of Module Assignment on Teams. **S1 Spanish:** This week we will continue to look at different facilities in a school and learn about what we do at break times. **S3 French:** Pupils to complete End of Module Revision Task on Pearson Active Learn. **S3 German:** This week we will continue with an introduction to German and will be looking at pronouns, nouns, and weak verbs around the topic of family and activities. **S3 Spanish:** Pupils will continue learning about the time and have several worksheets to complete. **S4 French:** Pupils to complete Film Review Assignment on Teams. **S4 Spanish:** Pupils will continue learning about healthy living. They also have Pearson interactive consolidation activities to complete online. **Higher French:** Pupils will continue to work on health issues from the Society Booklet and will also complete listening and grammar tasks. **Higher Spanish:** Reading practice on topic of Young People/Family and Grammar revision (Present, Immediate Future and Preterite Tenses. **Adv Higher:** Continue to work from book and tasks listed last week. |
| **Expressive Arts** |  |
| **Drama** | **S1 -** Monologue PowerPoint and performance/ design work. Due 26th June **S3** - Intro to Drama recap Quiz on Forms. Due 26th June **Nat5** - Recap Quiz on Forms. Due 26th June **Higher -** Due Mon 22nd June: “Marking Performance Analysis” assignment and target sheet. Pupils should spend final week of term completing missed assignments. Higher pupils with all work up to date will be emailed possible acting pieces to read over. **NPA:** “Peter Pan 3” assignment and target sheet due Monday 22ND June. **NC:** Voice Skills Sway read and 2nd monologue picked by Monday 22nd June. NC pupils should also submit target sheet (on Sway) **NC/NPA** pupils should spend final week catching up on missed/incomplete assignments. Pupils with all assignments completed will be emailed a selection of script extracts to read. |
| **Art** | **S1 -** New remote learning pack for S1 was posted on Monday 1st June for the rest of June. These packs can be printed and sent out as learning packs if required. **S3 -** Use this week to consolidate and catch up with work so far. Expressive: Reflect and refine feedback from Expressive Research. Summer Tasks: * Photoshoot. Set up compositions of your theme objects and photograph these. (2 – 3 images)
* Practise drawing skills through YouTube tutorials or drawing still life objects around home.

Design: Reflect and refine feedback from Design Research. Summer Tasks: * Begin a doodle sheet.
* Practise paper manipulation/ origami techniques.

**Column A Nat 5:** Expressive – Use this week to consolidate and catch up with work so far. Reflect and refine feedback from Expressive Theme. Summer Tasks: * Photoshoot. Set up compositions of your theme objects and photograph these. (2 – 3 images)
* Practise drawing skills through YouTube tutorials or drawing still life objects around home.

Use this week and next to consolidate and catch up with all work so far. Design – 2 TASKS 1. Complete any Theme research images and images of jewellery market research and save and send all to Mrs Neill. Themes must be finalised and all of these images sent to Mrs Neill by end of term.
2. write/type a Biography about Peter Chang and Rene Lalique (jewellers) and find 6 examples of each of their jewellery designs. Completed by end of term.

**Column D Nat 5:** Use this week to consolidate and catch up with work so far. **Monday:** Design – Reflect and refine feedback from Design Research. Summer Tasks: * Begin a doodle sheet.
* Practise paper manipulation/ origami techniques

**Thursday:** Expressive - Reflect and refine feedback from Expressive Theme. Summer Tasks: * Photoshoot. Set up compositions of your theme objects and photograph these. (2 – 3 images) Practise drawing skills through YouTube tutorials or drawing still life objects around home.

**Column A Higher:** **Design** – Research fabric jewellers and fabric manipulation techniques & Continue 3D development by producing samples in any scrap fabric or thread you have in your house. Hand-in Wednesday 24th June. **Expressive** - Monday: Practical research- the pupil will read through the practical Power Points in files. They will explore Pinterest and google for examples of the various compositions they will use for their own practical portraiture photoshoot this year (select 10 example of compositional layouts) Summer – catch up on any outstanding work. Set and take 10 photos of your portrait theme. **Column E Higher** **Design:** Task 6 as a Team's assignment this week Development of 3D sampling into techniques and addition of other visual elements/ photos of 3D models (4 SAMPLES) to be submitted by 1pm 25.06.20 Summer task for extension will be posted next Thursday and a critical background reading task. **Expressive:** Use this week to consolidate and catch up with work so far. Reflect and refine feedback from Expressive Theme. Summer Tasks: * Photoshoot. Take 10 – 15 photos of your portrait theme.
* Practise drawing skills through own images or YouTube tutorials.

**AdvH -** Continued reviews of ongoing work Samples and sketches and other visual evidence should be places in pupil folders in Class Notebook. Development of first stage drawings and sketches, first stage samples images in design for both styles of folios. These will form Sheet 2 and other first stage set of sheets of their final presentation. Written creative writing and or poems task and video shoot task. Reviewing of work on a weekly basis. Posting of any national competition work to allow involvement in over last two weeks of term. **Summer task will be posted next Monday 22.06.20.** |
| **Music** | **S1 -** June Pick ‘N’ Mix. Pupils are to complete at least one task weekly, however, there is no limit on how much each pupil would like to do. Share your completed work from the Pick N Mix on S1 Music Team. New AHS Kahoot challenge posted weekly.**S3 -** Check in for performing. Continue allocation of pieces. Suggest emailing recordings of work to date.**Nat5** - Pupils to send in audio of performing work completed so far to allow for feedback. These do not have to be complete pieces. N5 Music Literacy Booklet Assignments are set weekly. New AHS Kahoot challenge posted weekly.**Higher -** Mondays will be Focus on Sound. Working through a different Higher LESSON each week. 6 Lessons should be completed by now. Thursdays will be practical, depending on what instruments are available at home. This arrangement will continue till school returns. Performing recording should have been submitted. |
| **Photography** | **S3 -** The photographers will research 2 Architectural photographers by writing a short biography for each photographer and select 4 examples of their work.**Nat5 -**The photographers will continue to work on the weekly plan. This week they will take 20 photographs of landscapes on their phone or cameras (thinking about what they learned from the landscapes photographers they researched).**Highers -** The photographers will continue working through their booklet from understanding exposure through to shutter speed The pupils will also watch the videos on Exposure, ISO, Aperture and Shutter speed to support their understanding. |
| **Music Technology** | **S3 -** Complete Understanding Music Unit on N3 genres. New AHS Kahoot challenge posted weekly.**Nat5 -** Consolidating and completing previous assignments. New AHS Kahoot challenge posted weekly.**Higher -** Continue assignment on Technological Developments Starting to plan for SQA assignment. New AHS Kahoot challenge posted weekly |
| **Social Subjects**All resources on class teams | **S1 Social Subjects &RME** – China IDL – Protests in China – Modern Studies |
| **Geography** | **S3 Geography –** Life in Kenya**Nat5 Geography-** Continuing Scottish Studies project**Higher Geography** –Exam technique and SQA past paper questions.**Adv Higher Geography –** Issues Essay: continuing to research a topic Study: Identify a topic to study |
| **History** | **S3 History** – Native Americans and way of life**Nat5 History** – Continuing Scottish Studies & N5 WW1 Project**Higher History** – Women and the vote: WW1 note taking activity and Elsie Inglis research/ extension activity on women and the vote keywords.**Adv Higher History** - Biographies/ Appeasement and the Road to War research. |
| **RMPS/RME** | **S3 RMPS** – Introduction to the rights of animals**S3 Core RME** – RMPS challenge (send to Miss Nisbet when completed)**S4 Core RME** – Scottish Studies Project**Nat5 RMPS** – Religious responses to IVF**Higher RMPS** – Addiction as a cause of crime lessons. |
| **Modern Studies** | **S3 Modern Studies** –Complete final lesson on ‘why we flee’**Nat5 Modern Studies**- Housing and education inequalities in USA**Higher Modern Studies** - Revision strategies/ activities focusing on knowledge of South Africa and optional viewing list focusing on South Africa. |
| **Tourism** | **Nat5 Tourism –** Investigation: Impact of covid19 on tourism industry |
| **Politics** | **Higher Politics -** Global Superpowers research. |
| **Health Improvement** |  |
| **P.E.** | **All classes** - please see information on Teams for work to be completed this week. |
| **H.E.** | Research what types of fruits and vegetables are in season in the summer months. Once you have researched foods, create a 3 course meal that would include some of the produce you have found. You can either choose to use only the fruits and vegetables or add in meat to your recipes.Write down as list of fruits and vegetables you have found and write down the meal plan including the produce you used. |
| **Early Learning and Child Care** | **S3 and Nat5**Create a Mind Map showing what a nursery/preschool classroom needs. Take a photo and email me your ideas.  |
| **Volunteering**  | **Unit 1: Preparing to Volunteer** Pupils should be completing their assessment and submitting it to Mrs Perry.  |
| **Leadership** | **Unit 1: Leadership: An Introduction**Pupils should be completing their assessment and submitting it to Mrs Perry. |