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| Auchenharvie Academy- Week Commencing – **18th January 2021**  **S1/2/3- Tasks for Completion** | | | | | | | | | |
| **Subject** | **S1 Task** | | | | **S2 Task** | | | **S3 Task** | |
| **Maths** | | 1M1 Mrs Garry/ Mrs McNay  Level 3 revision  Task 1 – Integers  Task 2 – Coordinates  Task 3 – Problem Solving Challenge – How many Triangles?  Task 4 – SUMDOG North Ayrshire Challenge  Additional task – Numeracy Grid 1 Q 1 - 16  1M2 Mrs Scott/ Mrs Fletcher  Task 1 Revision coordinates powerpoint  Task 2 Temperature worksheet  Task 3 Coordinates activity.  Task 4 Sumdog Competition.  1M3 Mr Hosie  Task 1 – Whole numbers – Multiplying and Dividing by 10, 100, 1000  Task 2 – Whole numbers - Multiplying and Dividing by Multiples of 10, 100, 1000 Task 3 – Decimals Multiplying and Dividing by 10, 100, 1000  Task 4 – Decimals Multiplying and Dividing by Multiples of 10, 100, 1000  Task 5- Sumdog Competition.  1M4 Mrs Booth  Task 1 - Mental maths activity on google forms  Task 2 - Rounding decimals to 1 and 2 DPs  Task 3 - Adding and subtracting decimals  Task 4 – Sumdog  Extension Task - Daily Rigour January 17th Newspaper  1M5 Mrs Eagleson  Task 1 Counting money.  Task 2 Using Money.  Task 3 On line money challenge vis Sumdog and Top marks.  Task 4 Sumdog competition. | | 2M1 Mrs Fletcher  Task 1 Graphs and Charts.  Task 2 Time case study  Task 3 Temperature and Coordinates.  Task 4 Sumdog Competition.  2M2 Mr Hosie  Task 1 – Area Trapezium.  Task 2 – Composite Areas.  Task 3 – Mixed Exercise.  Task 4 - Sumdog Competition.  2M3 Mrs Eagleson  Time intervals, including overnight and over a few days, reading and interpreting timetables, small project involving researching holiday times, costs etc (this is optional if got spare time). Also on Friday 22nd they will be set a sumdog homework task to complete by Friday 29th of Jan on time we have covered so far.  2M4 Mrs Garry/Mrs McNay  Task 1: Perimeter  Task 2: Area of Rectangle  Task 3: Area of Triangles  Task 4: North Ayrshire Sumdog competition  Extension: January Rigour  2M5 Mrs Booth  Task 1 - Mental maths activity on google forms  Task 2 - Finding a percentage without a calculator  Task 3 - Linking fractions, decimals and percentages  Task 4 - Sumdog  Extension Task - Design a Park, Daily Rigour 3rd Level January Calendar  Mr Denny  Task 1 - reading decimal scales  Task 2 - rounding to nearest whole number  Task 3 – sumdog.  2M6 Mrs Scott  Task 1 Recap on sequences and number machines.  Task 2 Introduction to equations  Task 3 Numeracy – decimals  Sumdog North Ayrshire Competition | | | | 3M1 Mr Hosie  Task 1 – Volume of a Pyramid/Cone.  Task 2 – Surface Area .  Task 3 – Curved Surface Area.  Task 4 – Sumdog Competition.  3M2 Mrs Garry/Mrs McNay  3.2 Level 4 - Money  Task 1 – Overtime TJ 4+ page 21-22 Q 7 - 12  Task 2 – Recap Calculator percentages TJ 4+ page 16  Task 3 – Commission TJ 4+ page 22 Q 13-19  Task 4 – SUMDOG North Ayrshire challenge  3M3 Mrs Eagleson  More solving equations this time removing brackets then solving. It is very important pupils follow examples and videos given. Homework issued too due for Friday 22nd Jan on what we have covered so far. To be completed and sent via email by Friday.  3M4 Mr Denny  Task 1 - 12/24hr clock  Task 2 - time intervals   Task 3 - sumdog  3M5 Mrs Fletcher  Task 1 Statistics worksheet.  Task 2 Revision of fractions.  Task 3 Distance and Direction.  Task 4 Sumdog competition.  3M6 Mrs Scott  Task 1 Recap on Area  Task 2 Introduction to Volume  Task 3 Numeracy - quantity of a fraction  Sumdog North Ayrshire Competition | |
| **Subject** | **S1 Task** | | | | **S2 Task** | | | **S3 Task** | |
| **English**  L Booth  L Kelman  Y Stuart  A Carpy  H Shaw /CForrest  M McDade  S Hamilton/S McSkimming | | Task 1 - Scanning  Task 2 - Skimming and scanning  Task 3 - Blue Planet Documentary and questions  Task 4 - Sumdog spelling  Task 6 - Personal reading (epic books sharks)  Task 1 - Using powerpoint and booklet complete tasks on page 27 (20 minutes)  Task 2 - Complete Sharks RUAE (20-30 minutes)  Task 3 - Watch the video on shark finning – and answer questions (20 minutes)  Task 4 - Create poster to 'Save the shark' using info from booklet, videos and own research (30 minutes at least)  Task 5 - Sumdog spelling (30 minutes)  N/A  N/A | | Task 1 - Theme Park Persuasive writing task 4, 5 and 6  Task 2 - Textual Analysis "The Humiliation of Welton Blake"  Task 3 - Sumdog spelling  Task 4 - Personal reading  Task 1 – Identify persuasive techniques in selected adverts (20 minutes)  Task 2 – Create a new slogan using persuasive techniques (20 minutes)  Task 3 - Textual Analysis "The Humiliation of Welton Blake" (20 minutes)  Task 4 – Sumdog spelling ( 30 minutes)  Task 5 – personal reading – can download books from Borrowbox – see school website English section. (30 minutes)  As above  As above  N/A | | | | N/A  Close Reading Skills (L Kelman)  Poetry of Jacky Kay (Y Stuart)  Poetry of Carol Ann Duffy ( A Carpy)  Poetry of Edwin Morgan  WW1 Poetry  Scots poetry and Sumdog spelling | |
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| Auchenharvie Academy Week Commencing 18th January 2021  S1 and S2 SCIENCE Tasks for Completion | | | | | | | | |
| S1 | | | | | | S2 | | |
| **Miss Nicol - Materials shared via Google Classroom**  Matter lesson 2 Arrangement of particles. Including videos of experiments and activities.  Extension task on Aims and Variables.  **Miss Scott - All Materials shared via GLOW.**  Heat Lesson 2 – Conduction. Video with tasks incorporated.  GLOW form to answer assessment questions and extension Task on Averages.  **Dr Field - All materials shared via GLOW**  Heat Lesson 2 Conduction, narrated PowerPoint & consolidation Questions  **Mr Lodge -All materials shared via Glow**  **Class 1.1**  Lesson 1 Matter - Narrated Powerpoint, Video to show difference between three states of matter, consolidation questions.  **Class 1.4**  Lesson 1 Elements - Narrated Powerpoint, Video on atomic structure, consolidation questions .  **Miss Lavelle – All materials shared via GLOW**  Cell Biology Lesson 2 – Cell Structure and Function. Video with tasks to complete. GLOW form to answer assessment questions and Extension Task. | | | | | | **Miss Nicol**  **- Materials shared via Glow**  Chemical Reactions Revision Power Point including activities, quiz and extension task.  Chemical Reactions Revision questions. Narratable pdf. Including differentiated version.  Chemical Reactions Summary sheet. Narratable pdf.  **Miss Lavelle – All materials shared via GLOW**  Acids and Bases Lesson 2 – Testing pH. Video with tasks to complete. Virtual experiment. GLOW form to answer assessment questions and Extension Task.  **Mr Lodge - All materials shared via Glow**  2.3 & 2.5 – Lesson 2 Acids and Alkalis. Narrated Powerpoint, activity and consolidation exercise will be issued.  **Dr Field All materials shared via GLOW**  Acids and Bases Topic. Narrated Powerpoint and consolidation Questions  **Miss Lynch – All materials shared via GLOW**  **Forces**  Narrated lesson 2 PowerPoint-Friction for pupils to use. Tasks within PowerPoint to be completed. GLOW form to be completed. | | |
| Auchenharvie Academy Week Commencing 18th January 2021  S3 SCIENCE Tasks for Completion | | | | | | | | |
| BIOLOGY | | | CHEMISTRY | | | | PHYSICS | |
| **Miss Lavelle - All materials shared via GLOW.**  Control of blood glucose video with tasks incorporated. GLOW form to answer assessment questions and extension Task.  **Dr Field - All materials shared via GLOW**  Homeostasis – Blood Glucose. Narrated PowerPoint & assessment questions.  **Miss Scott - All materials shared via GLOW.**  Control of blood glucose video with tasks incorporated. GLOW form to answer assessment questions and extension Task. | | | **Miss Lavelle - All materials shared via GLOW.**  Calculating Average Rate and Reaction Pathways. Video with tasks incorporated. GLOW form to answer assessment questions and extension Task.  **Mr Lodge - All materials shared via Glow**  Atomic Theory Part 2. Lesson 3 Nuclide Notation.  Narrated Powerpoint, consolidation questions, video on topic, extension questions. | | | | **Miss Lynch – All materials shared via GLOW**  **Dynamics and Space**  Narrated lesson 1(Structure of the Universe) and 2(Exoplanets) PowerPoint for pupils to use. Tasks to be completed in PowerPoint. GLOW form to be completed.  **Dr Brien – All Materials Shared via Glow**  Read Lesson 1 – Waves PowerPoint and copy notes onto paper/jotter.  Read Lesson 2 – Calculating Wave Properties and copy notes onto paper/jotter.  Narrated PowerPoints will also be shared with pupils.  Extension – Complete Q1-6 on page 2 of Waves and Radiation question booklet. | |
| **Subject** | **S1 Task** | | | | **S2 Task** | | | **S3 Task** | |
| **Digital Literacy/Admin**  **Computing Science**  **Cyber Skills**  **Spanish**  **S3 Culture** | | Introduction to spreadsheets. Powerpoint and exercise available on google classroom.  Google form quiz covering key terms from Spreadsheet introduction. This includes numeracy activities  Extension task: additional Typing tasks/Internet research tasks. This includes Literacy benchmarks  Led by N Nicholls. Work will be marked by own teacher.  Continuing with HTML  Theory exercise – Spot the web page errors and correct them  Practical – Unit 3 Discovery Education  Login: Student4087  Password: AucComp01  Led By N Nicholls. Marked by own teacher  N/A  Introduction to numbers ( 1 to 31)  Spanish powerpoint and tasks uploade to google classroom.  Led by AC Kirkwood | | Admin – Market research task on google classroom. This will also cover the topic of target audiences.  Work will be uploaded to google classroom.  Extension task will include typing/word processing to suit ability. Typing games will also be included. This will include literacy benchmarks.  Led by R Ritchie. Work marked by own teacher  Introduction to Python Coding.  Practical exercise: Discovery Education  Python Unit 1  Extension task uploaded to google classroom.  Discovery offers activities for all levels and help videos for those who need it. Pupils can work at their own pace and to a level that suits them.  Login: Student4087  Password: AucComp01  Led by R Ritchie. Marked by own teacher  N/A  Revising the topic “family”.  Short reading exercise uploaded to google classroom.  Revision will include adjectives and talking about feelings  Led by N Bell | | | | N/A  S3 Comp Science – Continuing with Computer Systems. Work will be uploaded to google classroom  Continuing with Games Development. Lessons and activity uploaded to Google classroom  Led by C Oattes. Marked by C Oattes  Revising vocab to do with “Healthy lifestyles” and they will be continuing to work with the work booklets they have started the previous week.  Led By N Bell  Spanish cookbook activity uploaded to google classroom  Led by AC Kirkwood | |
| **Subject** | **S1 Task** | | | | **S2 Task** | | | **S3 Task** | |
| **Social Subjects**  **RME**  **Geography**  **History**  **Modern Studies** | | **Social Subjects – Natural Regions**  **Learning Intention**  Pupils are learning/developing their knowledge and understanding of equatorial rainforests.  **Success Criteria**  Pupils can state the climate of equatorial rainforests.  Pupils can identify where equatorial rainforests are found.  Pupils can describe, in detail, a climate graph for the equatorial rainforest.  All resources available on Google Classroom and on Glow emails.  **RME**  **Making Moral Decisions – Lesson 2 – Animal Ethics** In this remote lesson, building on their moral thinking skills from last time, S1 will consider the real-life ethical implications of animal usage. After examining case studies and a BBC report on animal testing, pupils will be tasked to answer questions that test their knowledge of how animals are used in the world and invite their opinions on the moral limits of animal usage.  **Information resources; multimedia inputs; and tasks ranged by ability will all be made** **available through the S3 Core RME Google Classroom, with further instructions communicated on that platform and over Glow email.** | | **Social Subjects – Natural Regions**  **Learning Intention**  Pupils are learning about the war experiences of JFK.  **Success Criteria**  Pupils should be able to describe the war experiences of JFK; write a report on his war experience, which will convince the American people he is a good presidential candidate, which will require this to be a persuasive piece of writing.  All resources available on Google Classroom and on Glow emails.  **RME**  **Hinduism – Lesson 1**  In this remote lesson, pupils will first encounter the ancient, Eastern religion of Hinduism.  Pupils will access different sources to learn about the early history of this religion; the scriptures of Hinduism; and the fundamental beliefs of the Hindu people.  **Structure templates; information resources; multimedia inputs; and tasks ranged by ability will all be made** **available through the S2 Core RME Google Classroom, with further instructions communicated on that platform and over Glow email.** | | | | **Geography – Mr Gilmour**  **Learning Intention**  We are learning how the plates of the earth move and cause natural disasters.  **Success Criteria**  I can identify the main tectonic plates of the earth.  I can describe the way main plate movements.  I can explain how plate movements can lead to natural disasters.  Work through the week 2 PowerPoint on the structure of the earth and complete the activities in the week 2 booklet. All resources available on Google Classroom/Glow email.  **History - Miss Smith**  This week will be focusing on the long term causes of the First World War. Pupils will be asked to complete small activities throughout the PowerPoint while reading about each long-term cause. Pupils will then gather at least 4 pieces of information about each long term cause using the information in the PowerPoint and help sheets. Pupils should then pick what they believe is the most important and least important cause for starting the First World War and justify their answer. Pupils should then complete a Kahoot quiz to test their understanding.  All resources will be posted on the Google Classroom and sent to GLOW group email.  **S3 History – Mr Adam**  Classes next week will be working on the Abolitionist movement of the slave trade.  The learning intentions will be to look at different abolitionists and understand why they were against the slave trade.  The success criteria will be that the pupils will gain a clear understanding of what the abolitionists stood for and the work they carried out to try and stop the slave trade.  All resources will be posted on the Google Classroom and sent to GLOW group email.  **Modern Studies – Mrs Cook**  Having learned about social and economic inequalities in the the USA last week, this week pupils will learn how the US government has attempted to respond to these inequalities.  Pupils should be able to:  Describe the ways that the government has responded to inequality.  Explain arguments that some government responses have been more effective than others.  All resources available on Google Classroom and on Glow emails.  **RME**  ***Islam: The Five Pillars – Lesson 2***  In this remote lesson, continuing on from last week, S3 will look at the next two Pillars of Islam: *zakat* and *sawm*.  Pupils are tasked to describe what Muslims do to follow these Pillars, as well as what Muslims believe about these Pillars; to think about the nature of duty in general, and what duties they themselves have; to learn the meanings of the Arabic terminology encountered; and to reflect on the relevance of these Pillars for their own lives.  **Information resources; multimedia inputs; and tasks ranged by ability will all be made** **available through the S3 Core RME *Google Classroom*, with further instructions communicated on that platform and over *Glow* email.** | |
| **Subject** | **S1 Task** | | | | **S2 Task** | | | **S3 Task** | |
| **Music**  **Music Tech**  **Art**  **Drama** | | Continue with tasks emailed out based on Scottish Music. All completed work should be emailed back to class teacher.  Continue to complete tasks emailed out based on Design Unit – design a Chocolate Box. All completed work should be emailed back to class teacher.  Continue to complete tasks emailed out based on The Minotaur. All completed work should be emailed back to class teacher. | | Continue with tasks emailed out based on American Music. All completed work should be emailed back to class teacher.    Continue to complete tasks based on the Matisse cut paper collage. All completed work should be emailed back to class teacher.  Continue to complete tasks emailed out based on Darkwood Manor. All completed work should be emailed back to class teacher. | | | | Continue with tasks emailed out based on Scottish Music. All completed work should be emailed back to class teacher.  Continue to complete tasks based on Skiffle and Rock n Roll. All completed work should be emailed back to class teacher.  Continue to complete tasks emailed out based on Architecture Unit. All completed work should be emailed back to class teacher.  Continue to complete tasks emailed out based on the issue of HIV/Aids. All completed work should be emailed back to class teacher. | |
| **Subject** | **S1 Task** | | | | **S2 Task** | | | **S3 Task** | |
| **DESIGN & TECHNOLOGY**  This week’s tasks are GRAPHCIS based | | 1.3 – Orthographic drawing challenge  1.6 - Orthographic drawing challenge  All other S1 classes will complete the S1 Logo task | | 2.4 – Graphic Design Elements design challenge  2.7 - Graphic Design Elements design challenge  All other S2 classes will complete the S2 Logo task | | | | **S3 D+M**  Wood Theory  The Design Process booklet pages 1 – 5  **S3 GC**  Business card design  **S3 PWW**  Wood lathe theory | |

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| **PE**    **HE** | **ALL S1 CLASSES**  S1 Fitness Challenge Week 2 : This will be set with 3 different levels to choose from – BRONZE, SILVER and GOLD. You will be given circuits involving exercises you can do at home. Pupils should aim to complete the workout at least 3 times this week. These can be found in google classroom.  Quiz  Track your exercise - walk/run/cycle/skate/scooter | **ALL S2 CLASSES**  S2 Fitness Challenge Week 2 : This will be set with 3 different levels to choose from - BRONZE, SILVER and GOLD. You will be given circuits involving exercises you can do at home. Pupils should aim to complete the workout at least 3 times this week. These can be found in google classroom.  **S2 classes – Ms Macdonald/Mrs Stewart**  Scottish Diet Topic – Dietary Goals | **ALL S3 CLASSES**  S3 Fitness Challenge Week 2 : This will be set with 3 different levels to choose from - BRONZE, SILVER and GOLD. You will be given circuits involving exercises you can do at home. Pupils should aim to complete the workout at least 3 times this week. These can be found in google classroom.  **S3 Hospitality – Ms Macdonald/Mrs Stewart**  REHIS – completion of electronic version of booklets. |

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| **Subject** | **S1 Task** | | | **S2 Task** | **S3 Task** |
| **PSE** | | S1 - Stress and Mindfulness (contd) | S2 - Careers Planning (contd) | | S3 - Body Image (contd) |
| **Developing the Young Workforce Initiatives** | |  |  | | **S3 DYW**  **All lessons and resources will be uploaded on google classrooms, pupils should email completed work to college lecturer.**  **Cycle Maintenance**  Pupils will complete a range of activities based on the different types and parts of bicycles. Pupils will complete a research presentation on a bicycle of their choice.  **Cyber Security**  Pupils will use My World Of Work to investigate different jobs in Cyber Security and create a job advert for the job that most interests them.  **Early Education and Childcare**  Pupils will use My World Of Work to investigate different jobs in Early Education & Childcare and create a job advert for the job that most interests them.  **Barista & Smoothie Bar**  Pupils to read through PowerPoints on the origin of the coffee bean and how to make the perfect coffee. Extension tasks include wordsearches and crosswords.  **Nail Bar**  Pupils should research various nail injuries and infections. Pupils should also research resources used to care for hands and nails. |

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|  | Auchenharvie Academy - Week Commencing – **18th January 2021**  **S4/5/6- Tasks for completion** | | | | | | | |
| **Subject** | | **N4** | **N5** | | **Higher** | | **Advanced Higher** | |
| **Maths**  Mrs Fletcher  Mr Hosie  Mrs Eagleson  Mrs Garry/ Mrs McNay  Mr Denny  Mrs Nicol | | 4M4 Revising for Numeracy assessment  Percentages, percentage increase and decrease. Sumdog competition.  4M3  Fraction of a Quantity  Adding and Subtracting Fractions  Multiplying and Dividing Fractions  Fractions in Context.  4M5  12hr – 24 hr clock  Time intervals  Speed, distance, time.  Sumdog competition.  Personal finance  Time  Simple Interest and Bank cards. | S5/6 N5  Angles in a circle  Tangents to a circle.  Pythagoras in a circle.  4M1  Finishing Area of a Triangle, i.e. non calculator examples. Homework (non calc) due for Friday 22nd Jan. Starting Sine Rule. This will take us the whole week.  4M2  Discriminant  Pythagoras recap  Converse of Pythagoras  3D Pythagoras  S5/6 N5 Apps  VAT, Hire Purchase, Insurance, Foreign Exchange. | | .  S5 Higher  Starting the trigonometry unit of work.  S6 Higher  Mon – Finishing vectors  Then looking at Trig. Radians and recap of Nat 5. Homework 12 is due on Friday 22nd Jan. This should be completed and sent over to me on email. | | Adv Higher  Inverse and transformation matrices. | |
| **Subject** | | **N4** | **N5** | | **Higher** | | **Advanced Higher** | |
| **English**  Mrs Forrest/Shaw  Mr Carpy  Ms Kelman  Mrs Stuart  M McDade | | Personal writing  AVU preparation  ‘On the Sidewalk Bleeding’ short story | Personal writing  Jackie Kay poetry  An Inspector Calls | | Folio tasks, RUAE and Carol Ann Duffy poetry  Folio tasks, RUAE and Carol Ann Duffy poetry  Norman MacCaig poetry  RUAE (Close Reading) | | The Portrait of Dorian Gray chapters 9-13 and dissertation. | |
| **Subject** | | **N4** | **N5** | | **Higher** | | **Advanced Higher** | |
| **Comp Science**  **Admin**  **Spanish** | | Web Design Practical Activities. Uploaded to Google Classroom  N4 and N3 – Work has been sent individually to all students. Denis’ has been translated into Spanish for him to work through. Main objective for N3 and N4 is build up evidence for practical aspect of course. Tasks are specific to each student. Emails sent by Mrs McSkimming  N4- Pupils will be working on completing their AVU. They have been asked to hand in a copy of their final presentation for correction next week and will then begin learning it. Realistically this is what N4 pupils will be working on for the next few weeks with the goal of actually doing their talking exam at the end of February. | Topic: Web Design  Online lessons via VScene and Google classroom.  Work sent individually to pupils who did not engage last week.  Work will include a variety of tasks including Past Paper questions, Quizzes covering notes, practical exercise too.  HW – catching up on any previous work not yet completed on google classroom  Extension: Scholar Web Design topic – CSS and Javascript  Spreadsheets – continuing with IF statements.  Tasks completed previous week marked and returned.  WP revision – layout of a letter. This will include practical activities and continuing with past paper theory questions  Every week the pupils are working on the different skills (reading, listening, talking and writing).  Monday- Job application writing  Tuesday- Listening/ Talking practice  Wednesday- Talking/ Writing practice  Friday- Reading/ vocab practice | | Topic: Software Design & Development  Online lessons via VScene and Google classroom.  Work sent individually to pupils who did not engage last week.  Work will include a variety of tasks including Past Paper questions, Quizzes covering notes, practical exercise too.  HW – catching up on any previous work not yet completed on google classroom  Extension: Scholar SDD topic – Design(recap from work done before December in class)  N/A  Every week the pupils are working on the different skills (reading/translation, listening, talking and writing).  Monday- Directed Writing  Tuesday- Talking/ Listening practice  Wednesday- Talking/ Writing practice  Friday- Reading/ Translation practice  We will be available on Vscene every Monday and then most Tuesdays, Wednesdays and Fridays.  Mrs MCCormack and Mrs Bell will always be available on Google classroom and Glow for the times the pupils normally have Spanish each day. | | N/A | |
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| Auchenharvie Academy Week Commencing 18th January 2021  SENIOR PHASE SCIENCE Tasks for Completion | | | | | | | |
| BIOLOGY | | | | CHEMISTRY | | PHYSICS | |
| **Miss Scott N5 Biology – Lessons delivered via VScene and materials shared via GLOW.**  Each period begins with online tutorial then students’ complete tasks issued by Miss Scott and help available via VScene link.  Period 1 – Transport across the membrane revision lesson.  Period 2 – Nervous Control  Period 3 – Measuring biotic & Abiotic factors  Period 4 – Sampling techniques & Biological keys.  **Dr Field N5 Biology VScene and GLOW**  **4F1**  **Monday**  Revision Lesson Enzymes & consolidation past paper questions.  **Wednesday**  Revision Lesson Genetic Engineering & consolidation questions.  **Thursday**  Unit 3 Sampling Techniques & consolidation tasks.  **Friday**  Complete Unit 3 Sampling Techniques & consolidation tasks.  **National 5, 5D2 VScene and GLOW**  **Monday**  Revision Lesson Enzymes & consolidation PPQs.  **Tuesday**  Revision Lesson Genetic Engineering & consolidation questions.  **Wednesday**  Unit 3 Sampling Techniques & consolidation tasks.  **Friday**  Problem solving & past paper questions.  **Miss Scott Higher Human Biology – Lessons delivered via VScene and materials shared via GLOW.**  Each period begins with online tutorial then students’ complete tasks issued by Miss Scott and help available via VScene link.  Monday – Hormonal control of reproduction.  Tuesday - Mutations  Wednesday – Specific lines of defence  Friday – Skills Lesson 2  **Dr Field Higher Human Biology VScene and GLOW**  **Tuesday**  Revision Lesson Gene Expression & PPQs  **Wednesday**  Unit 3 Specific defences & consolidation activities.  **Thursday**  Complete Unit 3 Specific defences & PPQs  **Friday**  Cellular Respiration revision (Miss Scott P1)  Problem solving Lesson & consolidation questions (Dr Field P2) | | | | **Mr Lodge N5 Chemistry - All materials shared via GLOW**  Each lesson to begin Vscene tutorial to introduce the topic. Teacher present throughout the allotted period for any questions. Pupils all have exercises issued to complete during the lesson. Extension past paper questions available.  Videos of Topics to be covered, Exercise booklet and Extension booklet both contain “How to” for the topics  Period 1 & 2 - Moles and Mass  Period 3 – Moles and Concentration  Period 4 – Moles and Volume  **Miss Lavelle Higher Chemistry** **– Lessons delivered via Microsoft Teams and materials shared via GLOW.**  Tuesday – Structure and Bonding Revision  Wednesday – Structure and Bonding Revision  Thursday – Unit 3 Calculations Involving Solutions  Friday – Unit 3 Excess | | **Miss Lynch N5 Physics – Materials shared via GLOW and GOOGLE classroom. Virtual lessons via Microsoft Teams**  **Waves and Radiation**  Each lesson will begin with an online tutorial on Microsoft teams followed by tasks to be completed as instructed. Teacher is available for the allotted time to answer any questions.  Lesson 1: Revision lesson – Conservation of Energy  Lesson 2: Revision Lesson Gas Laws  Lesson 3: Completion of W&R Lesson 2 – Calculating Wave Properties  Lesson 4: Key Area Questions to be completed  Homework 1 will be issued via GLOW form.  **Dr Brien N5 Physics** - **Lessons delivered via VScene and materials shared via GLOW.**  Period 1 - Revision lesson: Conservation of Energy  Period 2 - Revision lesson: Gas laws  Period 3 - Unit 3 Lesson 2: Complete Wave Properties lesson  Period 4 - Key area past paper questions.  **Dr Brien Higher Physics - Lessons delivered via VScene and materials shared via GLOW.**  Period 1 - Revision lesson: EMF and Internal Resistance with tutorial questions  Period 2 and 3 - Revision lesson: Collisions with tutorial questions  Period 4 - Unit 3 Lesson 3: Electric Fields and key area past paper questions  Period 5 - Unit 3 Lesson 4: The Volt  Period 6 – Unit 3 Lesson 5: Magnetic Fields | |
| **Subject** | | **N4** | **N5** | | **Higher** | | **Advanced Higher** | |

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| **PE** | **Ms Macdonald & Mr Johnston**  Monday P1  Independent Practical session, complete training diary (link will be available for any support required)  **Tuesday P1**  Online – Training Diary discussion and practical session  **Thursday P4**  Online – Principles of Training and PDP  **Friday P3**  Independent Practical session, complete training diary (link will be available for any support required)  **Mrs J Stewart**  Tuesday Theory with CJ  Own individual Training programme.   * 3 sessions per week (examples of these sessions are on google classroom). 3 levels of difficulty provided for each. * after each session complete training diary (blank and example training diary are on google classroom) | **Ms Macdonald**  **Monday P1**  Online – Section 2 portfolio  **Tuesday P1**  Online – Training Diary discussion and practical session  **Thursday P4**  Online – Section 2 portfolio  **Friday P3**  Independent Practical session, complete training diary (link will be available for any support required)  **Mrs J Stewart**  **Tuesday theory**  Data collection (section 2 portfolio)  **Wed, thur, fri**  Own individual Training programme.   * 3 sessions per week (examples of these sessions are on google classroom). 3 levels of difficulty provided for each. * after each session complete training diary (blank and example training diary are on google classroom)   **Mr McDougall**  Drop in online calls Tuesday 12.30pm, Wed 10.50pm, Thursday and Friday 8.55am.  Theory posted Tuesday on Google classroom: Data collection revision. Associated task  Wednesday practical task: Walk with strava  Theory posted Thursday on Google classroom: Data collection revision. Associated task  Friday practical task: Run with strava | **Mr Gilmour**  Continue with training programme.  Training days for CRE/ME are Monday, Wednesday and Friday.  Describe how to monitor your training programme. Explain why we monitor our training.  Describe the approaches you use in your training programme e.g. interval training.    Evaluate the effectiveness of the approaches used. Any adaptation needed to training programme based on VPSMARTER.  Higher PE Online Timetable Sign in to VSCENE at the start of each period to check in and ask any questions about the day’s tasks. I will be on Vscene during the times below for anyone who needs any help with the tasks, simply send me a message on the chat and I will get back to you through chat and through the microphone. Here are the times we should be on VSCENE working on our PE tasks:  Monday: 2:00pm - 3:40pm (period 6&7) Tuesday: 10:35am - 11:25am (period 3) Wednesday: 1:10pm - 2:50pm (period 5&6) Thursday: NO CLASS Friday: 1:10pm - 2pm (period 5)  **Mr McDougall**  Higher: Drop in online calls Tuesday 12.30pm, Wed 10.50pm, Thursday and Friday 8.55am.  Theory posted Tuesday on Google classroom: Model Performer (benefits). Associated task  Wednesday practical task: Walk with strava  Theory posted Thursday on Google classroom: Model Performer (benefits cont'd and limitations)  Friday practical task: Run with strava |  |

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| **Subject** | | **N4** | | | **N5** | | **Higher** | | **Advanced Higher** | | |
| **Travel & Tourism**  **Higher Geography**  **Higher Leadership**  **S4 Social Subjects**  **Nat 4 & 5 Geography**  **RMPS Higher & Nat 5** | **History -Miss Smith Nat4/5 (S4)**  Pupils will continue to look at the reasons why women received the vote. Pupils will complete various activities along with source questions to consolidate their learning. Pupils will then focus on the decline of industry and the effects. All resources and Vscene links will be uploaded to Google classroom and sent via GLOW group email.  **History - Miss Morton- S4** **Class** – Pupils will continue to investigate why women received the vote. Pupils will complete various activities and then complete a research project to showcase their understanding and decision-making skills on the most important reason for the extension of the franchise. Vscene Google Classroom and Glow email.  **S4 Social Subjects - Mr Sheriffs**  The Great War - Pupils to continue learning about the Great War moving on to looking at life within the trenches. VScene meetings will be scheduled each period for pupil check-ins and discussions throughout the lesson. Links and pin numbers will be shared through Google Classroom. All classwork will be shared on Google Classroom.  **Nat 4 & 5 Geography – Mr Sheriffs**  Weather - Pupils to continue learning about our weather topic looking at areas of low pressure called depressions and how they are used in synoptic charts. VScene meetings will be scheduled for each period with resources shared on Google Classroom in advance. | | | **Travel and Tourism (Mr Gilmour)**  **Learning Intention**  We are learning to understand the main travel trends of 2020-21  **Success Criteria**  I can identify and explain at least 3 worldwide travel trends  **Complete travel trends activity, using the PowerPoint to help you. We will go over this on our video lessons.**  **Travel and Tourism – Mr Sheriffs**  Customer service - Pupils will identify a range of promotional methods and discuss the advantages of using such to encourage customer participation and engagement. VScene meetings will be scheduled each period for pupil check-ins and discussions throughout the lesson.  Links and pin numbers will be shared through Google Classroom. All classwork will be shared on Google Classroom  **History -Miss Smith Nat4/5 (S4)**  Pupils will continue to look at the reasons why women received the vote. Pupils will complete various activities along with source questions to consolidate their learning. Pupils will then focus on the decline of industry and the effects. All resources and Vscene links will be uploaded to Google classroom and sent via GLOW group email.  **History – Miss Morton – S4 Class** - Pupils will continue to investigate why women received the vote. Pupils will complete various activities including a 9-mark exam question. Pupils will then move on to look at the decline of industry after WW1.  **History - Mr Adam**  Skills questions on the Atlantic Slave Trade and Free at Last topics will be the key focus next week.  This will be done in order to allow pupils to practise the skills required for assessment.  The key focus of skills next week will be the How Fully question, describe question and explain question.  Vscene Google Classroom and Glow email.  **Nat 4 & 5 Geography – Mr Sheriffs**  Weather - Pupils to continue learning about our weather topic looking at areas of low pressure called depressions and how they are used in synoptic charts. VScene meetings will be scheduled for each period with resources shared on Google Classroom in advance.  **Modern Studies National – Miss Morton** **S5/6**– Pupils will research pressure groups and to investigate how they have an impact on democracy in the UK. They will complete a research task and an 8-mark exam style question. Vscene Google Classroom and Glow email.  **National Modern Studies (S4) – Mrs Cook**  Pupils are learning about the roles of the polices and the effectiveness of the police in Scotland.  Pupils should be able to answer 8-mark questions which describe the role of the police and another which explains the arguments showing how the police have been in/effective.  All resources available on Vscene, Google Classroom and on Glow emails.  **National Modern Studies (S5&6) – Mrs Cook**  Pupils are learning bout the economic causes of crime. Pupils should be able to describe/explain the economic causes of crime in response to an 8-mark exam question.  Pupils will also be looking at the consequences of crime should be able to complete an 8 mark exam question in response to this.  All resources available on Vscene, Google Classroom and on Glow emails.  **Nat 5 RMPS Mr O’Donnell**  Exam questions on capital punishment. Buddhism revision tasks.  All resources available on Vscene, Google Classroom and on Glow emails. | | **Geography (Mr Gilmour)**  **Learning Intention**  We are learning the main causes and consequences of migration.  **Success Criteria**  I can discuss the main push and pull factors associated with forced and voluntary migration.  I can explain the impact of migration on the host and donor countries using specific examples.  **Complete the SQA Population questions on migration. There will also be additional activities completed during video lessons**.  **Higher Geography – Mr Sheriffs**  Atmosphere - Pupils to start new topic on Earths atmosphere. We will be looking at the Global Heat Budget and areas of Energy Surplus and Deficit. VScene meetings will be scheduled for each period with resources shared on Google Classroom in advance.  **Leadership (Mr Gilmour/Miss Smith)**  **Continue to work on you Leadership in Practice essay. Follow the guide you have been given. Mr Gilmour and Miss Smith will be available at usual lesson times to provide online support if required.**  **History- 5D1 Miss Smith**  Higher pupils will be focusing on Key Issue 2: Impact on War on Scottish society. Pupils will complete various activities and skills questions to consolidate their knowledge during their timetabled class. All resources and Vscene links will be uploaded to Google classroom and sent via GLOW group email.  **Higher History** - **Adam**  Will be completing their Rise of the Nazi’s essay.  Along with this we will be re-visiting the women and the vote essay and the Liberals How essay.  There will also be a running progression of skills. The pupils will be focusing next week on the How Fully and Evaluate the Usefulness questions, in order to build up their knowledge of these questions and practise the skills required to answer them correctly. Vscene Google Classroom and Glow email.  **Modern Studies – Miss Morton** – Pupils will research pressure groups and to investigate how they have an impact on democracy in the UK. Pupils will complete a 20-mark essay. Vscene Google Classroom and Glow email.  **Modern Studies – Mrs Cook**  Pupils will be continuing to look at how citizens and pressure groups can impact democracy. Pupils should be able to use this information to create exam style responses to these questions. (12/20 marks)  All resources available on Vscene, Google Classroom and on Glow emails.  **Nat 5 RMPS Mr O’Donnell**  Essay question on capital punishment – evaluating religious viewpoints on the death penalty.  Buddhism revision tasks.  All resources available on Vscene, Google Classroom and on Glow emails. | |  | | |
| **Subject** | | **N4** | | | **N5** | | **Higher** | | **Advanced Higher** | | |
| **Music**  **Art + Design**  **Drama** | Complete all Listening and Literacy/Theory tasks emailed out and practise at least one instrument. If a pupil does not have at least one of their instruments at home, please email their teacher ASAP. All completed work should be emailed back to class teacher.  Expressive – continue with practical work drawing chosen objects and and keep in close contact with class teacher by email.  Design – use the link emailed for the pinterest board to inspire you to find imagery to help you develop your ideas. Keep in close contact with class teacher by email.  Use powerpoint for a 2nd stimulus to explore in Drama. | | | Complete all Listening and Literacy/Theory tasks emailed out and practise at least one instrument. If a pupil does not have at least one of their instruments at home, please email their teacher ASAP. All completed work should be emailed back to class teacher.  Expressive – continue with practical work drawing chosen objects and and keep in close contact with class teacher by email.  Design – use the link emailed for the pinterest board to inspire you to find imagery to help you develop your ideas. Keep in close contact with class teacher by email.  Use powerpoint for a 2nd stimulus to explore in Drama. | | Complete all Listening and Literacy/Theory tasks emailed out and practise at least one instrument. If a pupil does not have at least one of their instruments at home, please email their teacher ASAP. All completed work should be emailed back to class teacher.  Continue with Investigation and Market Research for Design Unit and start sketching ideas. Refer to powerpoint emailed out. All work should be emailed back to class teacher.  Frankenstein - ensure Theme and Issues essay has been emailed to your teacher. Continue performance analysis for new question. Men should weep – Email your 5 quotes. All work should be emailed back to class teacher. | |  | | |
| **Subject** | | **N4** | | | **N5** | | **Higher** | | **Advanced Higher** | | |
| **Design and Manufacture**  **Graphics**  **PWW** | Folio Development Pages  Final assignment ideas. Design factors video & questions  CAD modelling questions  Log book for final assignment / Wood theory | | | Folio Development Pages  Final assignment ideas. Design factors video & questions  CAD modelling questions  Log book for final assignment / Wood theory | | Theory question booklet pages 1 - 15  Elements/Principles questions + CAD modelling questions + theory lessons on both topics | |  | | |
| Auchenharvie Academy- Week Commencing – **18th January 2021**  **S1/2/3- Tasks for Completion** | | | | | | | | | | | |
| S4 Task | | | | | | | | | |
| **S4 Core RME** | | | **Religion and Conflict – Lesson 2 – The UN**  In this remote lesson, having learned about just war theory last week, pupils will discover how this theory is put into practice by international bodies such as the UN.  S4 will consider the peace-keeping tools at the UN’s disposal, and will appraise the effectiveness of negotiation and sanctions – arriving at a justified opinion on the practicality of pacifism in the modern world.  **Information resources; multimedia inputs; and tasks ordered by ability will all be made available through the S4 Core RME Google Classroom, with further instructions communicated on that platform and over Glow email.** | | | | | | | | |