



Key Stage 4 Curriculum Grid Spring Term 2018

Subject / lesson			Supporting learning at home (inc. useful websites)	Life Ready
	Spring 1	Spring 2		
English Murdoch	<p>January Students will revise skills and understanding from last term and complete the Writing Assessment.</p> <p>February Students will begin the Reading element of the course:</p> <ul style="list-style-type: none"> • Read and Understand a variety of texts • Understand that language and Structure affect purpose • Respond to the main points and ideas in a text • Show familiarity with the strategies required to understand texts <p>Pupils practise obtaining information from a variety of sources and will be able to write about ideas and responses.</p>	<p>Students will revise skills and understanding from last term and complete the Reading Assessment.</p> <p>Spelling</p> <p>Students will work towards the Spelling Component of the Qualification.</p> <ul style="list-style-type: none"> • Understand basic language patterns – homophones, prefixes and suffixes • Regular and Irregular Spelling patterns – double consonants, plurals, irregular verb forms. <p>Students will revise skills and understanding from last term and complete the Spelling Assessment</p>	<p>www.ascentis.co.uk</p> <p>Entry Level 3 and Level 1</p> <p>Encourage your child to discuss their work and support them when learning Spellings.</p> <p>Encourage and enjoy Accelerated Reader together.</p>	<p>Students will fundamentally develop their basic literacy skills, in reading and writing.</p> <p>Pupils will write in different forms such as emails and letters, use Speaking and Listening skills and Read for Information – developing skills necessary for future pathways.</p> <p>Simultaneously, they will be developing many key skills such as communication skills, self-management skills, as well as elements of emotional intelligence and optimism.</p>

<p>English Turing</p>	<p>This Term we will be working on the Reading unit. Following the outline from Ascentis. The students will work on chronological order, alphabetical order and reading for a purpose. This may be to persuade, inform or entertain.</p>	<p>The 2nd half term will be a time to consolidate the skills and take the assessments.</p>	<p>www.ascentis.co.uk</p> <p>Entry 2/3 Award in English skills</p> <p>Encourage your child to discuss their work and support them when learning Spellings.</p> <p>Encourage and enjoy Accelerated Reader together.</p>	<p>As Above</p>
<p>English Lipman</p>	<p>In Lipman this term we will be following the ASDAN Personal progress unit in developing our reading, writing and communication skills. In reading, students will continue to work on their comprehension of key text through the accelerated reader programme.</p> <p>As a class we will also be exploring the text 'Boy' by Roald Dahl and learning about different books written by this author to further our interest in books.</p> <p>Students will receive weekly spellings to practise linked to their phonics phase group and high frequency words.</p>	<p>Alongside our work on fiction, students will be reading and creating non-fiction material linked to our healthy living topic including information posters and leaflets.</p> <p>Throughout our English lessons Students will be working on their skills in listening and responding to others, engaging in discussions and speaking to other people about their thoughts and ideas.</p>	<p>-Encourage students to identify text in their local environments, including supermarket, restaurant and road signs etc.</p> <p>- When out shopping support students to write a list and check off items as they have found them in the shop.</p> <p>-Encourage communication skills at home including answering the phone or asking for information or items in a shop.</p> <p>-Read with students at home, enjoy exploring new books and talking about what has happened.</p>	<p>As above</p>
<p>Maths Murdoch</p>	<p>All pupils in Murdoch are working towards the GCSE examinations. During this half term, we will be studying the following topics:</p> <ul style="list-style-type: none"> • Number properties • Rounding and approximating • Decimals and fractions • Linear graphs • Algebra – expressions and formulae 	<p>All pupils in Murdoch are working towards the GCSE examinations. During this half term, we will be studying the following topics:</p> <ul style="list-style-type: none"> • Ratio and proportion • Perimeter and area • Transformations • Probability • Algebra - equations 	<ol style="list-style-type: none"> 1) uk.mathletics.com/ 2) This can be accessed from home and is excellent for practising a range of skills. Please contact me if your child does not know their log in. 3) www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300 4) Use this link for information on the course, including practice papers. 	<p>Pupils will be notified of the types of work relating to the topics which they study.</p> <p>Occasional reference will be made to the 'Maths in Work' video series.</p>

			5) www.adamupmaths.com A resource for songs and posters created by Hazel Oak's very own Mr. Kordan and Mr. Summerfield	
Maths Turing	<p>Some pupils in Turing are working towards the OCR Entry Level certificate whilst others are working towards the GCSE examinations.</p> <p>Entry Level pupils will be studying the following topics this half term:</p> <ul style="list-style-type: none"> • Symmetry and transformations • Simple number sequences • Function machines • Estimating measures • Perimeter and area • Positions and directions <p>GCSE pupils will be studying the same topics as Murdoch (see above).</p>	<p>Some pupils in Turing are working towards the OCR Entry Level certificate whilst others are working towards the GCSE examinations.</p> <p>Entry Level pupils will be studying the following topics this half term:</p> <ul style="list-style-type: none"> • Angles • Constructing shapes • Selecting coins • Calculating change • Telling the time • Temperatues <p>GCSE pupils will be studying the same topics as Murdoch (see above).</p>	<p>1) uk.mathletics.com/ This can be accessed from home and is excellent for practising a range of skills. Please contact me if your child does not know their log in.</p> <p>2) www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300</p> <p>3) Use this link for information on the GCSE course, including practice papers.</p> <p>4) www.ocr.org.uk/qualifications/entry-level-mathematics-r449-from-2016/</p> <p>Use this link for information on the ENTRY LEVEL course, including practice papers.</p> <p>5) www.adamupmaths.com A resource for songs and posters created by Hazel Oak's very own Mr. Kordan and Mr. Summerfield</p>	<p>Maths in Work</p> <p>Pupils will be notified of the types of work relating to the topics which they study.</p> <p>There will be additional emphasis on the basic skills surrounding money and time.</p> <p>Where possible, there will be practical experiences of using these.</p> <p>Pupils will be notified of the types of work relating to the topics which they study.</p> <p>Occasional reference will be made to the 'Maths in Work' video series.</p>
Maths Lipman	Students in Lipman will focus on the following topics this term following the White Rose Mastery Scheme;	Students in Lipman will focus on the following topics this term following the White Rose Mastery Scheme;	<p>uk.mathletics.com/ This can be accessed from home and is excellent for practising a range of skills. Please contact me if</p>	Pupils will be encouraged to transfer the new skills they have

	<ul style="list-style-type: none"> • Time • Place Value • Addition and subtraction <p>Some students in Lipman will be working towards the OCR Entry Level certificate alongside the above topics.</p>	<ul style="list-style-type: none"> • Money • Multiplication and Division • Fractions <p>Some students in Lipman will be working towards the OCR Entry Level certificate alongside the above topics.</p>	<p>your child does not know their log in.</p> <p>-Practise maths skills at home with students when preparing snacks and meals, measuring quantities and ingredients. Encourage students to learn the value of money to pay for items in a shop etc.</p>	<p>learnt in maths into their daily routines.</p> <p>Students will be encouraged to use their numeracy skills to solve problems and answer questions across the curriculum.</p>
<p>Science Murdoch</p>	<p>Mr Homer This term we will continue to work on the AQA GCSE Biology topic of Organisation In this section we will learn about the human digestive system which provides the body with nutrients and the respiratory system that provides it with oxygen and removes carbon dioxide. In each case they provide dissolved materials that need to be moved quickly around the body in the blood by the circulatory system. Damage to any of these systems can be debilitating if not fatal. Although there has been huge progress in surgical techniques, especially with regard to coronary heart disease, many interventions would not be necessary if individuals reduced their risks through improved diet and lifestyle. We will also learn how the plant's transport system is dependent on environmental conditions to ensure that leaf cells are provided with the water and carbon dioxide that they need for photosynthesis.</p> <p>Mrs Douglas Pupils will be continue to study GCSE Biology. Pupils will finish the Infection and Response topic where they are learning about communicable and non-communicable diseases, ways to prevent the spread of disease, the body's defence system and resistance to antibiotics. Pupils will then move onto Homeostasis – how the body regulates itself and hormonal responses.</p>	<p>https://www.bbc.co.uk/education/subjects/z9ddmp3</p> <p>Mrs Douglas Infection http://www.bbc.co.uk/schools/gcsebiteize/science/aqa_pre_2011/human/defendingagainstinfectionrev1.shtml Immunity http://www.bbc.co.uk/schools/gcsebiteize/science/aqa/keepinghealthy/defendingagainstinfectionrev4.shtml</p>	<p>Pupils will discuss careers relating to the content taught. This will include careers in: NHS and horticulture. All skills taught within this unit are life skills that are relevant to the wider world beyond school. They are skills that can be transferred to support independence.</p>	
<p>Science Turing</p>	<p>Mrs Douglas Pupils will continue to work towards their Entry Level Science. Pupils will be learning about the parts of the human body and how messages are sent along the body. Pupils will then be planning, carrying out, recoding and analysing an experiment to compare reaction rates of pupils in the class.</p>	<p>Reaction Rates http://www.bbc.co.uk/science/humanbody/sleep/sheep/</p>	<p>Pupils will discuss careers relating to the content taught. This will include careers in: NHS and caring professions. All skills taught within this unit are</p>	

			life skills that are relevant to the wider world beyond school. They are skills that can be transferred to support independence.
Science Lipman	<p>Mr Homer's Lessons Most of the students will be carrying on with their Entry Level Qualification in Science. They will be learning a physics module on Electricity, magnetism and waves before carrying out an investigation into comparing the properties such as conductivity or density of some metals.</p> <p>Mrs Douglas Pupils will be learning about Electricity and Magnetism with some pupils accessing the learning at Entry Level. Pupils will be making circuits, investigating properties of magnets and making electromagnets.</p>	<p>Mr Homer's Lessons Electricity https://www.bbc.co.uk/education/topics/zgy39j6 Electromagnets https://www.bbc.co.uk/education/topics/zrvbkqt</p> <p>Mrs Douglas' lessons Magnets https://www.bbc.co.uk/education/topics/zyttyrd/videos/1 http://www.bbc.co.uk/bitesize/ks2/science/physical_processes/magnets/read/1/</p>	All skills taught within this unit are life skills that are relevant to the wider world beyond school. They are skills that can be transferred to support independence.
Home Cooking Skills BTEC	<p>The Y10 groups will swap over from land studies and start the BTEC Level 1 Home Cooking Skills course. The Y11 BTEC group will continue their work and prepare for their final assessment just before Easter. There is a separate leaflet coming home which will detail what we are making each week. The unit aims to give learners the knowledge, skills and confidence to enjoy cooking meals at home. Learners will gain understanding of how to economise when planning meals to cook at home. The unit will encourage learners to transfer skills learnt to other recipes to continue cooking for themselves and their families and to inspire others by passing on their knowledge.</p> <p>The unit is based on the chef Jamie Oliver's proposition that being able to cook is an essential life skill which empowers people to make changes that have benefits to health and wellbeing.</p>	Please encourage your child to get involved with the preparation and clearing up of meals at home	All skills taught within this unit are life skills that are relevant to the wider world beyond school. They are skills that can be transferred to support independence
Computing Murdoch	Pupils will be introduced to a programming application and will learn basic coding skills. They will explore how to plan, write, test and evaluate a simple program designed to carry out a predetermined task. Pupils will also explore ICT over the past 40 years, its many uses	www.scratch.mit.edu	Students will learn to develop their information

	and its development over time.		technology and business awareness skills as well as elements of self-management and team-work
Computing Turing	This term we are working on the programming elements of the OCR computing course. All students will devise and write a computer programme and test it using the scratch language.	www.scratch.mit.edu	Students will learn to develop their information technology and business awareness skills as well as elements of self-management and team-work
Computing Lipman	This term we are working on developing our understanding of how to use ICT to; <ul style="list-style-type: none"> - Gain information using the internet safely. - To create posters and information texts linked to our topic using key note and pages programmes. - Develop keyboard skills and typing. - Become familiar with a computer and how it works. 		Pupils will learn how to apply technology to help with every day activities and to help them to be organised- self management
PSHE/ RSE Murdoch	<p>Healthy Living</p> <p>Students will be investigating what is meant by a Healthy Life Style - Diet, exercise, emotional well-being (unhealthy life style choices).</p> <p>They will present their ideas on what is needed for a Healthy Life Style and set targets to change their own Life Style.</p> <p>Students will demonstrate how they contribute to their own Health Life Style.</p>	<p>Encourage your child to keep their food diary and to experiment with new foods and drinks.</p> <p>Encourage and support physical exercise.</p> <p>Discuss emotional health and well-being.</p> <p>Support your child in their personal target for Healthy Life style changes.</p>	<p>Students will research different life style choices and how unhealthy life styles can have a detrimental effect on work, energy, self – esteem and personal satisfaction.</p> <p>Team work, self management and Determination.</p>
PSHE/ RSE Turing	This term the unit is Healthy Living and the students will discover all of the elements that make up a healthy lifestyle. They will also take part in an activity that promotes a healthy outlook on life that is not just diet and exercise.	Encourage your child to explore healthy options in all elements of lifestyle.	Leading a healthy Lifestyle

<p>PSHE/ RSE Lipman</p>	<p>Healthy Living</p> <p>This term Lipman will be exploring the concept of a 'healthy lifestyle' and what this means. As part of our ASDAN topic we will be learning about diet, exercise, personal hygiene and how to develop strategies to support a 'healthy mind' with links to the Hazel Oak Wellbeing team.</p> <p>Students will be setting their own health and lifestyle goals and accessing the local community to buy foods linked to the 'eat well' plate. They will also be exploring the effects of an unhealthy diet on the body and the benefits of '5 a day'.</p>	<p>Encourage your child to take part in healthy living activities such as exercise classes including swimming and yoga etc.</p> <p>Promote healthy eating choices when preparing snacks and meals together.</p> <p>The 'Change for life' website has lots of useful ideas and suggestions. https://www.nhs.uk/change4life/about-change4life#kqXPwxPWf59XzuQv.97</p>	<p>Students will take part in lots of group health and fitness activities to support teamwork and communication skills.</p> <p>Setting personal goals will support determination and self-management skills.</p>
<p>Citizenship/ Careers Murdoch Turing</p>	<p>Murdoch – Citizenship: Pupils will investigate Rights and Responsibilities – research Human Rights Act and other Laws that affect them and their lives. Investigate Rights & Responsibilities in UK and world wide as well as lack of Rights and the Work of Amnesty International.</p> <p>Turing Citizenship: Students will investigate what is meant by Citizenship and will explore being a Citizen of their Community, as well as a National and International Citizen. Students will investigate what is meant by Diversity and complete research and tasks based on their findings.</p> <p>Careers CV Writing – update CV Applying for jobs and courses – where to find jobs - writing, telephone, letters/ emails Attending Interviews</p> <p>What is it like to Work? – relationships, managing finances, TAX and National Insurance, sickness and absence</p>	<p>Support your child with their Work Experience plans.</p> <p>Discuss future pathways.</p>	<p>Pupils will explore the different rights and responsibilities that we have in diverse communities. This will enable the students to consider how living in the wider world could be, and prepare them for the diverse community in which they will live and work in the future.</p> <p>Employment Rights Equal Opportunity Rights.</p> <p>Students will be</p>

			looking at pupil likes and needs, links to careers, and links with FE for progression.
<p>PE</p> <p>Murdoch</p> <p>Turing</p> <p>Lipman</p>	<p>In PE this year the students are working towards the OCR Entry Level Certificate in Physical Education. They will learn, rehearse and perform a range of skills in 4 different areas.</p> <p>The students will be split into 3 groups, with Mrs Fitzmaurice, Mr Kordan and Miss Shute leading.</p> <p>Year 11 will work all together to prepare for their practical assessment visit by the Exam Board Moderator later this term and Year 10 will work in 2 ability set groups.</p> <p>They will cover activities such as football, basketball, circuit training, Boccia, and athletics.</p>	Please ensure your child has warm and waterproof clothes as some lessons will be outside	<p>Students will develop a wider understanding of how their bodies work. Simultaneously, they will be developing many key skills such as confidence, team work, problem solving, determination, leadership and optimism to aid them in future life.</p>
<p>P4C</p> <p>Murdoch</p>	<p>Students will be philosophising about many topics and areas – this term we will use stimuli such as short stories and objects to prompt Big Questions.</p> <p>The general topic will be Power and Rights but this does not mean that discussions will lead to this!</p> <p>Pupils will develop their Collaborative, Creative, Critical and Caring listening skills.</p>	Discuss topics covered in P4C lessons at home and encourage your child to express their opinions, recognising that this is valuable and acceptable.	<p>Students will extend their listening skills and work as a group toward a common goal.</p> <p>They will develop communication, self- management and problem solving skills.</p>
<p>P4C</p> <p>Turing</p>	<p>The topics this term will be mainly student led with an emphasis on deeper thinking rather than solution outcomes. The key word will be ‘why’</p>	Discuss topics covered in P4C lessons at home and encourage your child to express their opinions, recognising that this is valuable and acceptable.	<p>Students will extend their listening skills and work as a group toward a common goal.</p>

			They will develop communication, self- management and problem solving skills.
P4C Lipman	<p>Within our philosophy lessons this term we will be focusing on developing our thinking skills linked to the 4 C's; Caring, Collaborative, Critical and Creative. This will allow students to develop their understanding of how to share ideas and listen to the views of others.</p> <p>We will using the current topics and news as a stimuli to support our understanding of the world outside of school and begin to explore this in more depth. There will also be links to our new learning through discussions about the impacts of both healthy and unhealthy lifestyles</p>		<p>Discuss topics covered in P4C lessons at home and encourage your child to express their opinions, recognising that this is valuable and acceptable.</p> <p>Students will extend their listening skills and work as a group toward a common goal.</p> <p>They will develop communication, self- management and problem solving skills.</p>
Y11 Arts Award (Bronze Shakespeare Challenge)	<p>Pupils will record their experiences during Shakespeare schools festival in their portfolios.</p> <p>Research the RSC production Of Twelfth Night, read reviews and choose one actor that they will focus on.</p> <p>Go to Stratford to see Twelfth Night at RSC.</p> <p>Take part in an actor/ director workshop at RSC.</p> <p>Record experiences and write a Review for school Website/ Social Media</p>	<p>Research a Shakespearian actor.</p> <p>This could be any actor that the student feels inspired by, including actors they saw perform at RSC.</p> <p>Complete portfolio for assessment.</p>	<p>http://www.artsaward.org.uk/site/?id=65</p> <p>Discuss the theatre visit before and after the performance.</p> <p>Ask questions about the differences between our performance and the RSC.</p> <p>Students will be rehearsing key life skills around communication and team work and learning how to present to an audience.</p>
Y10 Arts Award (Bronze)	<p>This term the focus will be developing a skill to share within school and also be an audience member of a professional production to experience the arts.</p>	<p>This time will be used to take part in a skills share with lower school and develop an understanding of who inspires them in the arts.</p>	<p>http://www.artsaward.org.uk/site/?id=65</p> <p>Help your child to rehearse and support their performances by being part of our audiences !</p> <p>Students will be rehearsing key life skills around communication and team work and learning how to</p>

			present to an audience.
Creative Pathways Art	Pupils will be following a theme based project, this will cover four of their learning objectives (Research, experimentation, planning and their final piece/composition). This individual approach will help the pupils develop life skills and their own independency.		Communication skills and learning to articulate choices and preferences.
Y11 Land Studies	Students will continue to work on their Focus ASDAN module in Horticulture. This comprises: <ul style="list-style-type: none"> • Getting ready to work in the garden • Using tools safely • Growing seeds and plants indoors • Growing plants outdoors • Keeping the garden area tidy • Optional project 	Please encourage your children to help with jobs around the garden including planting, weeding, sowing etc.	Pupils will discuss careers associated with the tasks they undertake e.g. working at a garden centre, landscape gardening, animal care
Y10 Land Studies	Students will undertake a Focus ASDAN module in Horticulture. This comprises: <ul style="list-style-type: none"> • Getting ready to work in the garden • Using tools safely • Growing seeds and plants indoors • Growing plants outdoors • Keeping the garden area tidy • Optional project 	Please encourage your children to help with jobs around the garden including planting, weeding, sowing etc.	Pupils will discuss careers associated with the tasks they undertake e.g. working at a garden centre, landscape gardening, animal care
Creative Pathways Design Technology	All pupils in Turing are working towards a WJEC Entry Pathways Qualification in Creative, Media and Performance Arts. Students will study at least 2 D&T units which aim to help students acquire the knowledge and skills to design, plan and make a product of their choosing from a set brief. Students will also learn and apply Health and Safety working practices in the context of Design Technology work.	Students will be set fortnightly activities to support their portfolio – please encourage your child to spend at least 15 – 20 mins on set tasks.	Pupils will work independently and in Teams to produce an outcome. They will use planning and review skills. They will be encouraged to consider career pathways which involve practical work and design skills.
Creative Pathways Music	This will be the Ensemble music Performance unit and the students will work on the ground bass of Pachelbel Cannon. They will finish in a group performance of the piece and reflect on new skills developed.	Youtube will have many links to versions of the Cannon and also the research on Pachelbel, along	Working as part of a team.

		with the Baroque period 1620-1750.	
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