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Curriculum Overview Year 11

Dear Parents/Carers,

At Hurworth it is our aim to provide a broad, balanced and challenging curriculum that ignites students' love of learning and successfully unlocks the true potential of each individual. We believe that students are empowered by what they know and that, if immersed in a knowledge-rich curriculum, they are more likely to be inspired to become the best versions of themselves.

In this letter, you will find an overview of the work that your child will be studying during this half term. We've included key details on what they will be looking at in each subject, homework tasks, how they'll be assessed, as well as opportunities for you to support your child's education by using the Knowledge Organisers provided by each subject, doing additional research on new topics or using departmental Read and Watch lists to further encourage their curiosity and enthusiasm to learn. The aim is for this to make it easier for you to work with the school supporting your child as they work towards their GCSEs.

All lessons last for one hour. In Year 11, all students study the following subjects:

English Language and Literature, Maths, Separate or Combined Science, Core PE and SMSC.

They will have also chosen their own Option subjects from:

Spanish, Design and Technology, History, Geography, Religious Studies, Music, Art, Computer Science, Health and Social Care, Engineering (GCSE and VCERT), Business Studies, PE, Sports Studies, iMedia, Enterprise and Marketing and Hospitality and Catering.

The information for each subject is categorised as follows:

- **Topics taught** - This is an overview of the topics Year 11 will be covering this half term.
- **Learning Outcomes** - This explains what areas students will be looking at, and the skills they will be developing during the half term.
- **Homework** - This provides an outline of when students will be receiving homework for each subject.
- **Assessment** - This explains how students will be assessed on their understanding of this topic.
- **How I can support my child** - This gives suggestions of how you can offer your child support, as well as ways students can explore this area in more detail if they wish.

Further information for all subjects can be found on our school website, including our yearly learning journeys, links to departmental Read and Watch lists and all exam specifications.

Art

Topics Taught:	Identity or Natural Form This is a personal response to their chosen theme; each student will follow their own interests and explore their own ideas.
Learning Outcomes:	Create a personal project/journey based on theme Identity. Each project should explore artists, application techniques, experimentation of medium and ideas and annotations that explain ideas.
Homework:	Ongoing throughout the project, students will be asked to develop their individual research and work at home to ensure that they have sources of inspiration and a continual flow of resources and ideas to assist them with their projects. Your child will have access to the art room every lunch and afterschool most evenings. They are welcome to complete all tasks during this time.
Assessment:	Assessment is ongoing throughout GCSE, students will be given regular targets on how to improve their work and presentation. There will be two deadlines for sketchbook progression this half term. Sketchbooks will be assessed holistically using the AQA marking scheme. After each deadline individual targets will be set and a discussion on what is required to improve.
How I can support my child:	Encourage your child to: Practice their drawing skills at home Research artists and collate images that will inspire their own artwork Watch YouTube videos that explore application techniques or their chosen artist Visit museums and galleries Complete work swiftly at home or school to ensure that deadlines are managed
Exam Specification:	AQA (9-1) Art and Design, 8201

Biology – Separate Science

Topics Taught:	<ul style="list-style-type: none"> • Ecosystems and Material Cycles • Animal Coordination, control and Homeostasis
Learning Outcomes:	<ul style="list-style-type: none"> • What is biodiversity and why is it important? • What is the water cycle? • What is the carbon cycle? • What is the nitrogen cycle? • What factors affect the rate of decomposition? • Why is food security important for humans? • How do some living organisms help to identify pollution? • How do hormones control the functions of the human body? • How do hormones control metabolic rate?

	<ul style="list-style-type: none"> • How do hormones control the menstrual cycle? • How do hormones control blood sugar levels? • What is diabetes? • How does the human body maintain a constant internal temperature? • How do the kidneys function?
Homework:	<ul style="list-style-type: none"> • Ecosystems and Material Cycles Steps to Science Success Task • Educake Retrieval Quizzes
Assessment:	<ul style="list-style-type: none"> • Ecosystems and Material Cycles end of unit assessment
How I can support my child:	<ul style="list-style-type: none"> • Direct your child to YouTube clips from educational providers such as fuseschool, freesciencelessons and cognito. • Discuss the learning outcomes with your child and ask them to teach you the content they have been learning.
Exam Specification:	<ul style="list-style-type: none"> • Edexcel (9-1) Biology 1B10 F/H
Revision Materials:	<ul style="list-style-type: none"> • Revision Guides • YouTube Videos <ul style="list-style-type: none"> ○ Freesciencelessons ○ FuseSchool ○ Cognito • BBC Bitesize • Physicsandmathstutor.com

Business Studies

Topics Taught:	<p>4.1 Organisational structures 4.2 Recruitment and selection 4.3 Motivation 4.4 Training</p>
Learning Outcomes:	<ul style="list-style-type: none"> • Understand flat and tall structures • Understand centralisation and decentralisation • Understand the need for recruitment • Understand methods of recruitment and selection • Understand the importance of motivations • Understand financial/non-financial methods of motivation • Understand the importance of training staff • Understand the methods of training staff
Homework:	<ul style="list-style-type: none"> • 3 retrieval tasks based around topics individual students have gaps in their knowledge.
Assessment:	<ul style="list-style-type: none"> • End of topic “mini” assessments • Assessment on “Unit 3 – Operations”
How I can support my child:	<ul style="list-style-type: none"> • Testing students at home using digital copy of the GCSE Business textbook on Teams. • Discuss current affairs relating to Business

Exam Specification:	<ul style="list-style-type: none"> • AQA (9-1) Business Studies 8132
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Chemistry – Separate Science

Topics Taught:	<ul style="list-style-type: none"> • Groups in the Periodic Table • Rates of Reaction • Heat Energy Changes in Chemical Reactions
Learning Outcomes:	<ul style="list-style-type: none"> • What are the main properties of alkali metals? • How do alkali metals react with water? • How do we test for chlorine gas? • How do halogens react with metals and hydrogen? • What happens to halogen atoms and halide ions during displacement? • What trends are there in the physical properties of the noble gases? • How can noble gases be used? • What changes can occur as a reaction proceeds? • Why do changes in temperature, concentration, surface area and pressure affect rates of reaction? • What is a catalyst? • What are exothermic and endothermic reactions? • How are energy changes in reactions calculated?
Homework:	<ul style="list-style-type: none"> • Groups in the Periodic Table Science Steps to Science Success Task • Educake Retrieval Quizzes
Assessment:	<ul style="list-style-type: none"> • Groups in the Periodic Table, Rates of Reaction and Heat Energy Changes in Chemical Reactions end of unit assessment.
How I can support my child:	<ul style="list-style-type: none"> • Direct your child to YouTube clips from educational providers such as fuseschool, freesciencelessons and cognito. • Discuss the learning outcomes with your child and ask them to teach you the content they have been learning.
Exam Specification:	<ul style="list-style-type: none"> • Edexcel (9-1) Chemistry 1CH0 F/H
Revision Materials:	<ul style="list-style-type: none"> • Revision Guides • YouTube Videos <ul style="list-style-type: none"> ○ Freesciencelessons ○ FuseSchool ○ Cognito • BBC Bitesize • Physicsandmathstutor.com

Combined Science

Topics Taught:	<ul style="list-style-type: none"> • Ecosystems and Material Cycles • Animal Coordination, control and Homeostasis • Fuels, Earth and Atmospheric Science • Magnetism and the Motor Effect • Electromagnetic Induction
Learning Outcomes:	<ul style="list-style-type: none"> • What is biodiversity and why is it important? • What is the water cycle? • What is the carbon cycle? • What is the nitrogen cycle? • How do some living organisms help to identify pollution? • How do hormones control the functions of the human body? • How do hormones control metabolic rate? • How do hormones control the menstrual cycle? • How do hormones control blood sugar levels? • What is diabetes? • What are hydrocarbons? • Why are hydrocarbons so useful? • How is crude oil separated into useful fractions? • What happens during the complete and incomplete combustion of hydrocarbons? • What problems are caused by acid rain? • Why is cracking needed? • What are the advantages and disadvantages of hydrogen and petrol as vehicle fuels? • How has the Earth's atmosphere changed over time? • What are the problems caused by climate change? • How might we limit the impact of climate change? • What is a magnet? • How do magnets affect each other? • What shape are magnetic fields? • How can we investigate the shape of magnetic fields? • What is an electromagnet? • How can we increase the strength of an electromagnet? • How does the magnetic field around a wire change when the wire is made into a coil? • How can electricity and magnetism combine to produce forces? • How can we calculate the size of the force produced by a current in a magnetic field? • How can you produce an electric current using a magnet and conductor? • How does a transformer work? • How can we calculate the current and voltage produced by transformers?
Homework:	<ul style="list-style-type: none"> • Ecosystems and Material Cycles Steps to Science Success Task • Fuels, Earth and Atmospheric Science Steps to Science Success Task

	<ul style="list-style-type: none"> • Magnetism, the Motor Effect and Electromagnetic Induction Steps to Science Success Task • Educake Retrieval Quizzes
Assessment:	<ul style="list-style-type: none"> • Ecosystems and Material Cycles end of unit assessment • Fuels, Earth and Atmospheric Science end of unit assessment • Magnetism, the Motor Effect and Electromagnetic Induction end of unit assessment
How I can support my child:	<ul style="list-style-type: none"> • Direct your child to YouTube clips from educational providers such as fuseschool, freesciencelessons and cognito. • Discuss the learning outcomes with your child and ask them to teach you the content they have been learning.
Exam Specification:	<ul style="list-style-type: none"> • Edexcel (9-1) Combined Science 1SC0 F/H
Revision Materials:	<ul style="list-style-type: none"> • Revision Guides • YouTube Videos <ul style="list-style-type: none"> ○ Freesciencelessons ○ FuseSchool ○ Cognito • BBC Bitesize • Physicsandmathstutor.com

Computer Science

Topics Taught:	2.2 Programming fundamentals 2.3 Creating robust program
Learning Outcomes:	<ul style="list-style-type: none"> • Programming Basics and Mathematics • Data Types and String Manipulation • Selection and Boolean Operators • Input Sanitation and Validation • Validation and Authentication • Iteration While Loops • Iteration While Loops • Iteration For Loops
Homework:	Read revision guide / watch video which explains knowledge required for next lesson and create brief notes to evidence.
Assessment:	Formative assessment every five lessons to inform intervention. End of unit summative assessments based on past exam questions.
How I can support my child:	Ensuring that notes are created before lessons based on watching video or reading relevant knowledge in revision guide.
Exam Specification:	OCR (9-1) Computer Science J277

<p>Revision</p> <p>Materials:</p>	<ul style="list-style-type: none"> • CGP Complete revision and practice book were provided to all Year 10 students. • CGP Revision Cards were provided to all Year 10 students. • CGP 10 minute tests provided to all Year 11 students. • Class materials on OneNote. • Seneca
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Design Technology

Topics Taught:	Continuing with NEA <ol style="list-style-type: none"> 1. Developments in new materials 2. Materials and their working properties 3. Specialist Technical principals
Learning Outcomes:	<ul style="list-style-type: none"> • Gather a further understanding on the developments in new materials • Describe materials and their working properties • Develop and build on knowledge and understanding of the following specialist technical principles • NEA Coursework
Homework:	<ul style="list-style-type: none"> • Theory 4 booklet • NEA
Assessment:	<ul style="list-style-type: none"> • Verbal feedback for NEA / low stakes assessment. • Practice exam questions will be used to test and refine knowledge, exam technique and exam preparation.
How I can support my child:	<ul style="list-style-type: none"> • Testing at home using revision material • Encouraging students to meet NEA deadlines • Testing key vocabulary • Testing key knowledge
Exam Specification:	<u>AQA (9-1) Design & Technology 8552</u>

Engineering – GCSE

Topics Taught:	Students are currently undertaking their Non-Examined Assessment (NEA)
Learning Outcomes:	<ul style="list-style-type: none"> • Problem solving • Drawings and conventions • Applying systems technology • Production Planning • Engineering Skills • Testing and Evaluating
Homework:	Exam style questions covering the following topics: <ul style="list-style-type: none"> • Engineering materials/Engineering manufacturing processes • Systems testing and investigation • Impact of modern Technologies • Engineering skills
Assessment:	The NEA is the method of assessment for the practical side of the course and makes up 40% of the student's final mark.
How I can support my child:	<ul style="list-style-type: none"> • Encourage students to engage with the resources in the read and watch list • Encouraging students to meet NEA deadlines • Testing key vocabulary • Testing key knowledge
Exam Specification:	AQA (9-1) GCSE Engineering 8852

Engineering – VCERT

Topics Taught:	Safe and Correct Use of Tools, Equipment and Machines Revision of topics delivered in Yr10
Learning Outcomes:	<ul style="list-style-type: none"> • Safe and Correct Use of Tools, Equipment and Machines • Preparation and use • Control measures
Homework:	<ul style="list-style-type: none"> • Homework 1 - Revision strategies
Assessment:	<ul style="list-style-type: none"> • Verbal feedback/ low stakes assessment. • Practice exam questions will be used to test and refine knowledge, exam technique and exam preparation.

How I can support my child:	<ul style="list-style-type: none"> • Testing at home using revision material • Encouraging students to complete retrieval tasks • Testing key vocabulary • Testing key knowledge
Exam Specification:	NCFE Level 1 / 2 Technical Award in Engineering

English Literature

Topics Taught:	Conflict and Unseen Poetry – Literature Paper 2, Section B
Learning Outcomes:	<ul style="list-style-type: none"> • Developing an understanding of how poets communicate their feelings and ideas about conflict through the creative use of form, language & structure. • Questioning: What different forms can conflict take? Why does conflict occur and how can/have views/ideas and approaches to conflict change over time? • Studying and comparing a range of conflict poetry from the Edexcel Poetry Anthology and a range of unseen poems. • Building on students' prior knowledge of bias within the media – KS3 'Opposing Forces' media power module. KS5: Specific links to Language and Power and the presentation of gender, political and historical issues and ideas across Literature. • Developing a strong knowledge of the power and significance of poetry as a platform will allow students to make personal judgements on a range of texts. • Improving the students' reading and writing skills to produce personalised and analytical responses to the texts.
Homework:	A range of retrieval strategies to further embed key knowledge of the selection of conflict poems including: context, form, language and structural devices, and key quotations.
Assessment:	<ul style="list-style-type: none"> • Verbal feedback/ low stakes assessment. • End of assessment GCSE style question on two of the conflict poems • Practice exam questions will be used to test and refine knowledge, exam technique and exam preparation.
How I can support my child:	<ul style="list-style-type: none"> • Utilise the Conflict and Unseen Poetry Knowledge Organisers to test key vocabulary and knowledge. • Use BBC Bitesize to encourage the student's retrieval of knowledge of the conflict poems from the Edexcel Anthology • Sharing of knowledge including past papers, exemplar responses and key support for each of the poems from the Edexcel/Pearson website.
Exam Specification:	<ul style="list-style-type: none"> • Edexcel (9-1) English Literature 1ET0
Revision Materials:	<ul style="list-style-type: none"> • Bespoke resources provided by class teacher including Knowledge Organisers, model essay responses, exam papers and YouTube links

Enterprise and Marketing

Topics Taught:	<ul style="list-style-type: none"> • Task 2 of coursework “Design a business proposal” • Learning Outcome 1: Understand how to target a market • Learning Outcome 2: Understand what makes a product or service financially viable
Learning Outcomes:	<ul style="list-style-type: none"> • 1.1 The need for customer segmentation • 1.2 Types of market segmentation • 1.3 The benefits of market segmentation • 1.4 The purpose of market research • 1.5 Primary (field) market research methods (physical or digital) and their benefits • 1.6 Secondary (desk) market research sources and their benefits • 1.7 The types of customer feedback techniques available to business start-ups • 2.1 Cost of producing the product or service • 2.2 Revenue generated by sales of the product or service • 2.3 Use of break-even as an aid to decision making • 2.4 Profit level
Homework:	<ul style="list-style-type: none"> • Topic 1 revision task • Calculating revenue, costs and profit worksheet • Topic 2 revision task
Assessment:	<ul style="list-style-type: none"> • Task 1 & 2 coursework • Topic 1 assessment • Topic 2 assessment
How I can support my child:	<ul style="list-style-type: none"> • Testing at home using revision material • Discuss current affairs relating to business
Exam Specification:	<ul style="list-style-type: none"> • OCR Level 1 / 2 Cambridge National in Enterprise & Marketing J819

Geography

Topics Taught:	<ul style="list-style-type: none"> • Fieldwork • Living World
Learning Outcomes:	<p>Fieldwork:</p> <ul style="list-style-type: none"> • Students will investigate whether Newcastle presents more opportunities than challenges. This will involve not only the collection of primary data, but also the presentation of the data students have collected in order to draw conclusions. <p>Living World:</p>

	<ul style="list-style-type: none"> • Students will be able to link the geographical location of biomes to the climate. • Students will develop an understanding of food chains and nutrient cycles. • Students will deepen their understanding of the adaptations for a tropical rainforest and will focus on the threats and management. • Students will deepen their understanding of the adaptations for a tundra and will focus on the threats and management.
Homework:	<ul style="list-style-type: none"> • Key words • Seneca quizzes
Assessment:	<ul style="list-style-type: none"> • Seneca Homework quizzes • End of topic walk through assessment followed by End of topic formal assessment
How I can support my child:	<ul style="list-style-type: none"> • Ensure students are signed into Seneca • Ensure students completing reading on the subject, and are keeping up to date with current affairs • Check they are attending their additional classes. • Quiz them on their case study knowledge.
Exam Specification:	AQA (9-1) Geography 8035

Health and Social Care

Topics Taught:	<ul style="list-style-type: none"> • Supporting individuals through life events
Learning Outcomes:	<ul style="list-style-type: none"> • Understand life stages and development through life stages • Understand what life events are and how they impact on individuals • Understand the sources of support available to meet individual needs
Homework:	<ul style="list-style-type: none"> • Students will be given deadlines for work to be completed. This links directly to their classroom learning tasks. • Students will be expected to attend after school classes as and when appropriate to ensure that non-examinable assessments have been completed.
Assessment:	<ul style="list-style-type: none"> • Verbal feedback • Live marking
How I can support my child:	<ul style="list-style-type: none"> • Help your child to carry out interviews on an appropriate person • Testing key vocabulary • Testing key knowledge • Reading newspaper articles which demonstrate how life changing events can happen to an individual

	<ul style="list-style-type: none"> Watching documentaries based around life changing events e.g. The Billy Monger Story - Driven, Matt Willis Overcoming Addiction, Nadiya Anxiety and me)
Exam Specification:	<ul style="list-style-type: none"> OCR Level 1 / 2 Cambridge National in Health & Social Care J811
Revision	<ul style="list-style-type: none"> N/A - Non-examinable assessment
Materials:	

History

Topics Taught:	<ul style="list-style-type: none"> Paper 2A Medicine and Health AQA 8145 The industrial and modern periods
Learning Outcomes:	<ul style="list-style-type: none"> Further develop ability to apply similarity, difference, change, continuity and significance to their knowledge and understanding of the period. Analyse and evaluate contemporary source material. Develop a coherent understanding of the complexity of society and different aspects within it and understand the nature of the historic environment and the events contained within the study Make connections and evaluate how specific sites have shaped or been shaped by events and developments of the time. Application of causation, change and consequence to knowledge and understanding. Analyse and evaluate two interpretations to make their own historical claims Develop extended writing skills – producing clear line of argument, focused explanation and analysis and substantiated judgements in relation to GCSE questions
Homework:	<ul style="list-style-type: none"> Retrieval strategies Examination questions
Assessment:	End of unit assessment: Medicine – four question types; How useful? Significance, Compare for similarity, Factors judgement
How I can support my child:	Encourage preparation for mock and Summer examinations. Check revision retrieval strategies. Use knowledge organisers to question for understanding.
Exam Specification:	AQA (9-1) History 8145 (B08 - 1AB & 1BB, 2AA & 2BA)
Revision	Teacher revision materials, Student folders
Materials:	

Hospitality and Catering

Topics Taught:	Students are currently undertaking their mock Non-Examined Assessment (NEA) before commencing the actual NEA later in the term
Learning Outcomes:	<p>The importance of nutrition in menu planning -</p> <ul style="list-style-type: none"> • The functions of nutrients in the human body • The nutritional needs of specific groups • The characteristics of unsatisfactory nutritional intake • How cooking methods impact on nutritional value <p>Understanding menu planning -</p> <ul style="list-style-type: none"> • How dishes on a menu address environmental issues • How menu dishes meet customer needs • How to plan the production of dishes for a menu
Homework:	Homework will be revision tasks set to make sure students are retaining the non-negotiable knowledge secured in Year 10 whilst undertaking their NEA.
Assessment:	The NEA is the method of assessment for the practical side of the course and makes up 60% of the student's final mark. The mock NEA will be marked in the same way as the actual NEA.
How I can support my child:	<ul style="list-style-type: none"> • Encourage students to engage with the resources in the read and watch list • Encouraging students to meet NEA deadlines • Testing key vocabulary • Testing key knowledge
Exam Specification:	WJEC Level 1 / 2 Award in Hospitality & Catering

iMedia

Topics Taught:	R098 Visual imaging
Learning Outcomes:	<p>Topic Area 1: Plan visual imaging portfolios</p> <p>Topic Area 2: Create visual imaging portfolios</p> <p>Topic Area 3: Review visual imaging portfolios</p>
Homework:	Not permitted during NEA time.
Assessment:	Non-Examined Assessment (NEA) worth 35% of qualification currently taking place with a deadline of 19 th December 2023
How I can support my child:	Encourage students to meet deadline
Exam Specification:	OCR Level 1/Level 2 Cambridge National in Creative iMedia specification
Revision	<ul style="list-style-type: none"> • Revision guides were provided to all Year 10 students. • Class materials on OneNote.
Materials:	

Maths

Topics Taught:	<ul style="list-style-type: none"> • Quadratic Equations • Trigonometry
Learning Outcomes:	<p>Students continue their studies of the GCSE curriculum and build upon the knowledge and skills studied across all years to date. Building upon core methods, the development of fluency, reasoning and problem solving is again structured into every topic area and all topics are again assessed by GCSE style questions. Past exam papers are utilised to identify students' strengths and areas for development; this is used to tailor their future revision lessons.</p> <p>Students will see more and more how the different topics are inter-linked and develop the skills needed to move seamlessly between the topics within a larger problem-solving scenario.</p>
Homework:	<p>Compulsory homework is set weekly on Sparx giving students further practise of work covered in class as well as revisiting areas from earlier in the curriculum; these tasks will take up to one hour. There are extra tasks if your child would like to develop further and achieve additional green clicks on ClassCharts. Your child needs to use their homework book to write bookwork codes, workings and answers. Homework is tailored to your child's ability level. The deadline for all homework is Wednesday for every student. Emails are sent automatically to parents/guardians.</p>
Assessment:	Homeworks, end of unit assessments, past paper practise and core assessments in October.
How I can support my child:	Encourage and support your child to complete their homework tasks to the best of their ability, this may involve watching help videos, making notes and having multiple attempts at a question.
Exam Specification:	Edexcel (9-1) Mathematics 1MA1 F/H
Revision	Knowledge organiser available.
Materials:	

Music

Topics Taught:	<ul style="list-style-type: none"> • Composition work to continue • Performance work to continue • Listening and Appraising: Consolidation of knowledge of keywords and study pieces
Learning Outcomes:	<ul style="list-style-type: none"> • Finish composition 1 – controlled assessment. • Start composition 2 based on brief set by the exam board (issued end September 2022) • Continue to work on both performance pieces and prepare for exam. • Continue to recap and expand on keywords. • To consolidate knowledge of Mozart's Clarinet Concerto study piece.
Homework:	<ul style="list-style-type: none"> • Minimum 1 hour per week instrumental/vocal practise • Revision of musical keywords and study pieces
Assessment:	<p>PERFORMANCE: Students will be required to do one musical performance of their choice throughout the first half term.</p> <p>LISTENING: Monitoring knowledge and understanding of keywords and study pieces</p>
How I can support my child:	<ul style="list-style-type: none"> • Ensure your child is regularly practising their chosen instrument/voice. Encourage them to perform their chosen pieces in front of you and others to help build up confidence. • Assist with learning subject-specific vocabulary to ensure an understanding of the keywords – copies of these can be supplied!
Exam Specification:	<u>AQA (9-1) Music 8271</u>
Revision Materials:	<ul style="list-style-type: none"> • Keyword booklet • Fact sheet for each of the study pieces

Physics – Separate Science

Topics Taught:	<ul style="list-style-type: none"> • Magnetism and the Motor Effect • Electromagnetic Induction
Learning Outcomes:	<ul style="list-style-type: none"> • What is a magnet? • How do magnets effect each other? • What shape are magnetic fields? • How can we investigate the shape of magnetic fields? • What is an electromagnet? • How can we increase the strength of an electromagnet? • How does the magnetic field around a wire change when the wire is made into a coil? • How can electricity and magnetism combine to produce forces?

	<ul style="list-style-type: none"> • How can we calculate the size of the force produced by a current in a magnetic field? • How can you produce an electric current using a magnet and conductor? • How is induction used in generators and microphones? • How does a transformer work? • How can we calculate the current and voltage produced by transformers?
Homework:	<ul style="list-style-type: none"> • Magnetism, the Motor Effect and Electromagnetic Induction Steps to Science Success Task
Assessment:	<ul style="list-style-type: none"> • Magnetism, the Motor Effect and Electromagnetic Induction end of unit assessment • Educake Retrieval Quizzes
How I can support my child:	<ul style="list-style-type: none"> • Direct your child to YouTube clips from educational providers such as fuseschool, freesciencelessons and cognito. • Discuss the learning outcomes with your child and ask them to teach you the content they have been learning.
Exam Specification:	<ul style="list-style-type: none"> • Edexcel (9-1) Physics 1PH0 F/H
Revision Materials:	<ul style="list-style-type: none"> • Revision Guides • YouTube Videos <ul style="list-style-type: none"> ○ Freesciencelessons ○ FuseSchool ○ Cognito • BBC Bitesize • Physicsandmathstutor.com

PE - GCSE

Topics Taught:	Socio-Cultural Influences & Physiology
Learning Outcomes:	<p>Socio-Cultural Influences: Students should develop knowledge and understanding of the socio-cultural factors that impact on physical activity and sport, and the impact of sport on society.</p> <p>Physiology: Students should develop knowledge and understanding of the key body systems and how they impact on health, fitness and performance in physical activity and sport</p>
Homework:	Set 'nuggets' on Century Tech PE
Assessment:	<ul style="list-style-type: none"> • Non-Negotiable Knowledge Checker • End of Topic Assessment (Exam Questions)
How I can support my child:	Promote use of the Century Tech PE online learning platform. Encourage wider reading around the subject. Encourage watching or participating in physical activity/sport.
Exam Specification:	AQA (9-1) GCSE Physical Education 8582
Revision Materials:	<ul style="list-style-type: none"> • Class Folders • Century Tech PE • GCSE Simplified • Past exam questions

Religious Studies

Topics Taught:	<ul style="list-style-type: none"> • Theme F: Human Rights and Social Justice • Christian Practices • Islamic Practices
Learning Outcomes:	<ul style="list-style-type: none"> • What is meant by human rights and the responsibilities that come with rights including the responsibility to respect the rights of others • Christian views on social justice • Issues of equality, freedom of religion and belief including freedom of religious expression • Prejudice and discrimination in religion and belief including the status of women and the treatment of gay people • Christian and Muslim attitudes to wealth including the use of wealth, responsibilities of having wealth and the duty to tackle poverty • Describe and explain the problem of exploitation of the poor including issues relating to fair pay, excessive interest on loans and people trafficking. • Giving money to the poor, including religious teachings about giving money to the poor and religious beliefs about charity.
Homework:	Homework is set via senecalearning.com Assignments are set every Thursday and students have a week to complete the work.
Assessment:	Students complete assessed questions every Thursday of Week 1. We call this 'Blue Thursday' as we complete all assessed questions on blue paper. We use an assessment strategy which focusses on reducing cognitive leading to support students who feel anxious about assessments.
How I can support my child:	We also have a range of texts and programmes which can support further study via our watch and read lists. These are available via the school website.
Exam Specification:	AQA (9-1) Religious Studies A 8062
Revision Materials:	<p>If students want to practice their knowledge retrieval they can purchase the quiz books that we use in class via these links:</p> <p>Knowledge Quiz: Religious Studies - Christianity (Knowledge quizzes): Amazon.co.uk: Dawn Cox: 9781912906772: Books</p> <p>Knowledge Quiz: Religious Studies - Islam (Knowledge quizzes): Amazon.co.uk: Dawn Cox: 9781912906789: Books</p>

Spanish

Topics Taught:	Town/ region Festivals & celebrations
Learning Outcomes:	<ul style="list-style-type: none"> • To describe where you live (including what you would change and why). • To discuss the advantages and disadvantages of living in a city versus living in the countryside. • Discuss what you have done recently in your town/region.

	<ul style="list-style-type: none"> • Discuss which other towns/regions you have visited. • Be able to interact in shops. • To know about key festivals and celebrations in the Spanish speaking world and express whether or not you would like to attend/experience these.
Homework:	Vocabulary practice published on ClassCharts every week.
Assessment:	<ul style="list-style-type: none"> • Listening/ Reading/ Speaking/ Writing • Vocabulary checks
How I can support my child:	Encourage him/her to engage with the homework tasks on ClassCharts.
Exam Specification:	AQA (9-1) Spanish 8698
Revision Materials:	Vocabulary lists, Blooket and Memrise. Speaking questions practice.

Sport Studies

Topics Taught:	R186 Sport and the Media
Learning Outcomes:	<p>Topic Area 1: The different sources of the media that cover sport.</p> <p>Topic Area 2: Positive effects of the media in sport.</p> <p>Topic Area 3: Negative effects of the media in sport.</p>
Homework:	To ensure coursework deadlines are met
Assessment:	OCR set assignment briefs
How I can support my child:	Encourage wider reading around the subject. Encourage deadlines are met
Exam Specification:	OCR Level 1 / 2 Cambridge National in Sport Studies J829
Revision Materials:	N/A

SMSC

<p>What is SMSC?</p>	<p>SMSC stands for Social, Moral, Spiritual and Cultural. Our SMSC lessons cover our PSHCE (Personal, Social, Health and Citizenship Education) and our compulsory Religious Studies offer.</p> <p>Our SMSC curriculum aims to develop skills and attributes such as resilience, self-esteem, risk-management, team working and critical thinking whilst giving students opportunities to develop their understanding of democracy and justice, rights and responsibilities and identities and diversity.</p> <p>To embrace the challenges of creating a happy and successful adult life, students need knowledge that will enable them to make informed decisions about their wellbeing, health and relationships and to build their self-efficacy. Students can also put this knowledge into practice as they develop the capacity to make sound decisions when facing risks, challenges and complex contexts. Everyone faces difficult situations in their lives. SMSC can support young people to develop resilience, to know how and when to ask for help, and to know where to access support.</p>
<p>Learning Outcomes:</p>	<p>We use a spiral curriculum in PSHCE and SMSC. This means that students revisit the same key themes of Being Me, Relationships, Risk, Health, Diversity and the Wider World in an age and stage appropriate way each year.</p> <p>This half term students will be looking at the theme 'Being Me'. You can find out more about our SMSC curriculum learning journey on the school website.</p>
<p>Assessment:</p>	<p>Students complete a baseline assessment at the start of each topic. This shows the teacher what their current understanding of an issue is. At the end of the topic, the students revisit this baseline and demonstrate what they have learnt and more importantly explain how they can use what they have learnt.</p>
<p>How I can support my child:</p>	<p>We know it can be difficult to have conversations about PSHCE topics with your child. To support you, we have Safe Media lists on our school website. These lists are suggestions of clips you could watch with your child to prompt discussion. We also signpost a range of services and organisations which can help.</p> <p>If you need any further support or have any questions, then please get in touch with your child's Head of Year.</p>

Please note: your child's Head of Year and Mentor will be in contact with you throughout the academic year should this be necessary. Please do not hesitate to contact either of these members of staff should you have any queries or concerns regarding your child.