

THE FOREST ACADEMY

Year 8 Curriculum Booklet

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Dear Parent / Carer,

This booklet is intended to provide you with information about the subjects your child will be taught this year as part of the Key Stage 3 curriculum. We do hope you will find it useful and that it will help you to become more involved in your child's education. At The Forest Academy we have a broad, balanced and challenging curriculum which helps to unlock our students' potential and to support them in achieving excellent outcomes. Our curriculum is rooted in ensuring that our students become successful learners, confident individuals and responsible citizens.

To support partnership with parents, all homework set can be viewed by visiting the <u>"Show My Homework"</u> link on the school's website. Parents can then log in using a parental pin (please email <u>admin@theforestacademy.co.uk</u> if you need a copy of this). This keeps parents fully informed of the homework set by teachers and on what date it is to be handed in.

Homework will be set regularly and if you are having any issues checking the homework your child has been set or should you require any further information, please do not hesitate to contact us.



Art

TERM	MAIN ASSESSMENT TASK
Autumn / Spring 1	
 Student will exploring the POP ART movement with links to advertising and mass production. Students will be given the opportunity to: Continue to develop skills and understanding of formal elements Gain contextual and historical understanding of the pop art movement. Understand how to apply tone to accentuate the shape of an object. Develop their drawing skills from 1st hand and 2nd hand sources. Apply mark to develop pop art style Develop skills drawing cartoon styles artworks Develop ideas and techniques to create a final advertising piece in response to the work of POP ARTISTS such as Andy Warhol and Robert Rauchenberg. 	 Experiment applying tone to shapes using materials such as pencil, coloured pencils and paints. Artist research. Observational drawings. Visual analysis Experimentation with techniques Produce an A3 final design.
Students will explore the history of Art, crafts and design through exploration of key artist throughout history with the aim to develop their own post contemporary work inspired by historical sources. • Students will research a variety of artists such as Pablo Picasso and Leonardo Da Vinci and significant artworks throughout history • Develop contextual, theoretical and technical understanding of significant artworks. • Explore and develop skills in portraiture through exploration of form, scale and proportion.	 Group discussions and sharing of ideas. Artist research page. Response to the artist's work Visual analysis Self assessment and idea progression

Students use art and design to explore the world around them, experimenting with colours, materials, textures and patterns or trying out new processes helps them communicate, feel and imagine. They study different sorts of artwork from drawing, painting, print making, collage, three-dimensional construction, ICT, photography and many other forms of creative practice in order to develop a personal and creative response to stimulus. They discover how images can tell stories or express ideas; they learn how art, craft and design enrich our lives and can lead to many kinds of interesting and creative jobs.

At Key Stage 3 students are taught to:

- Explore and develop ideas drawn from their imagination and experience, from their own observations and from the material they collect for research.
- Draw on an expanded range of materials, tools, techniques and processes, mixing and adapting them to achieve effects.
 - Look at art, craft and design across history, in Western Europe and the wider world and review their own and others' work. Students do this on their own and through working with others, using a range of starting points.

Assessment

By the end of the year it is anticipated that students should be able to demonstrate they can:

- Analyse the appearance, structure and function of what they see and record their observations and ideas for different purposes.
- Collect, analyse and organise relevant information to develop their own thinking, imagination and ideas.
- Use a wide range of media with confidence and understanding, showing efficiency in organising and completing tasks.
- Analyse the different ways artists use to convey meaning.
- Express and justify opinions about art
- Understand key features of major styles and periods in art history and realise how particular artists contributed both to these and to the development of art.
- Use what they have learned from other artists' work to enhance their own thinking and practical work.

Homework

It is expected that regular homework will be given approximately once every other week to students in Year 8. Homework will be marked in accordance with the school policy. Homework will normally be either drawing from observation, research, using ICT, or preparation for projects.

- Ensure that their child has adequate and appropriate drawing, colouring materials, e.g. a set of good quality shading pencils, colouring pencils, other materials as per teacher's request.
- Provide your child with access to the internet for research and developing ICT related projects.
- Assist in checking the quality of homework.
- Take students to art galleries during the holidays.

Drama

TERM	MAIN ASSESSMENT TASK
Autumn 1	
 Physical theatre Neutral mask Choreography: movement in unison Lifts (opportunity for Frantic workshop) Physical theatre performance development 	Performance assessment – can perform at Christmas showcase
Autumn 2	
 Physical theatre Writing logs: creation of piece Writing logs: development of piece Rehearsal of Physical theatre performances – ready for Christmas showcase 	 Physical theatre performances Written assessment Written feedback & fix it
 Spring 1 Noughts and Crosses Scripted (Noughts & Crosses): staging - thrust & traverse Scripted: set design & stage positions Scripted: characterisation - hot-seating 	 Scripted: performance assessment rehearsal Scripted: performance & written assessment (short written questions on character & set / staging) Scripted: written & performance feedback & fix it
Spring 2	
 Theatre Studies Scripted: lighting & sound Scripted: costume & make up Scripted: characterisation in practice 	8. Scripted: longer written Qu. on character performance9. Scripted: written assessment10. Scripted: assessment feedback & fix it
Summer 1 Live Theatre Live Theatre Review – overview & watch Live theatre: vocal skills Live theatre: physical skills	11. Live theatre: planning written response12. Live theatre: written assessment13. Live theatre: assessment feedback & fix it
Genre of theatre: horror – mime & movement Horror: sound design Horror: make up in practice Horror: costume in practice Horror: full tech & dress rehearsal	14. Horror: assess performances 15. Horror: assessment feedback & fix it

Drama is a core subject that all students in KS3 will study throughout their first three years at secondary school. Within Drama, students develop life skills that can support them in all subjects. They learn how to effectively communicate in different settings and within a group, to work together as a team, problem solve, time manage, to question and to have confidence in what they do, as well as to understand that it is okay to get things wrong. They will do this through exploring skills and strategies specifically relating to drama, discussion, creative writing and exploring topics creatively.

At Key Stage 3 students begin developing the skills needed for GCSE and life beyond school.

These include:

- Group work and communication
- Developing confidence and time management skills
- Applying creative skills to explore texts and around the world, current situations.

Assessment

By the end of year 8, it is anticipated that students should be able to demonstrate they can:

- Apply their creative skills to everyday situations and scenarios that they can bring into their work
- To analyse scripts, characters and stimulus and be able to effectively link this to current situations and explain and express their own opinions and ideas for the use of creative work.
- To effectively communicate in a team in order to work together and discuss ideas to come to decisions.
- These skills will be assessed at the end of each half term and progress will be tracked in target sheets and through interim reports.

Homework

Homework will take a variety of forms such as written work, research or line learning dependant on what they are learning at that point.

- Support their child with learning lines when necessary
- Encourage their child to embrace the skills Drama helps them to develop.

English (THEME FOCUS: Conflict)

TERM	MAIN ASSESSMENT TASK
Autumn 1 The Art of Rhetoric	Developing Effective Public Addresses
Autumn 2	
Animal Farm	 Analysis of Old Major's speech Oracy - Create a persuasive speech based on Animal Farm
Spring 1	
War & Conflict Poetry	4. Descriptive writing5. Oracy – Recital of Charge of the Light Brigade
Spring 2	
War & Conflict Poetry	 Descriptive writing based on Language Paper 1 Question 5
Summer 1	
Romeo & Juliet	7. Comparison based question8. Create a speech based on a character's opinion
Summer 2	
Romeo & Juliet	9. Comparison based question

Year 8 Course Description

English is a foundational subject studied by all students throughout their five years of secondary education. The curriculum is designed to cultivate proficiency in reading, writing, oracy, and active listening. Through the study of English, students learn to communicate effectively across a range of contexts and for diverse purposes, while also engaging with literature that spans different historical periods, cultures, and lived experiences.

At Key Stage 3, students begin to acquire the essential skills that will prepare them for GCSE examinations and life beyond the classroom. These core competencies include:

- Analysing and interpreting both fiction and non-fiction texts.
- Developing sophisticated writing skills, with an emphasis on adapting style and structure for varied audiences and intentions.
- Communicating confidently and appropriately in a variety of social and professional contexts.
- Building oracy skills to foster self-assurance in public speaking and verbal expression.

Assessment

By the end of Year 8, students are expected to demonstrate increased depth and sophistication in their English skills. Specifically, they should be able to:

- Comprehend and interpret both the explicit content and underlying meanings within a range of fiction and non-fiction texts.
- Analyse the use of language and structural techniques across a variety of literary forms and genres.
- Write with clarity and coherence, applying accurate spelling, grammar, and punctuation, while using structure and language purposefully to craft effect.
- Compose and deliver a persuasive speech, demonstrating confidence, rhetorical awareness, and effective oracy skills.

These competencies will be formally assessed at the end of each half term. Progress will be systematically recorded through exercise books and reflected in interim reports to ensure continuous development and targeted support.

Homework

Students will be set regular homework tasks aligned with the topics currently being studied, or designed to reinforce key targets in spelling, punctuation, and grammar. Homework will be assigned on a fortnightly basis and may encompass a variety of activities, including research tasks, extended writing, reading comprehension, spelling assessments, and quizzes.

In addition, as part of the Sparx Reader programme which monitors students' reading levels and tracks their progress dedicated reading homework will be set weekly. Students are also expected to maintain independent reading habits outside of school throughout the academic term, fostering both fluency and a lifelong engagement with literature.

- Ensure that their child comes equipped to class.
- Ensure students consistently engage with Sparx Reader.
- Provide their child with time at home to practise the skills learnt in class through homework set.
- Encourage and support their child with reading (both fiction and non-fiction) outside of school time.

Food Technology

TERM Main assessment task Autumn 1 a. Knowing and following the expectations in a cooking area. Students will explore: b. Knowing how to use electric and non-electric cooking equipment with precision. *Expectations in cooking environment. c. Formative assessment, which contributes to learning through *Hazards and how to prevent accidents providing feedback and indicates what is good about a piece of work and in the cooking area. why this is good and how the work could be improved. *Electric and commercial equipment. d. Summative assessment, which demonstrates the extent of learners' *Demonstration of how to use success in meeting the assessment criteria and will contribute to the final equipment like the oven, hob, whisk, mark given at the end of the units. etc; how to weigh and measure e. Ability to identify hazards and knowing how to prevent hazards in a ingredients, etc. cooking area. *Cereal crops, flour and food uses. f. Class tests, questioning in class, demonstration of tasks. *Written assessment. Autumn 2 a. Extended writing task on diet and diseases. Students will research into b. Formative assessment, which contributes to learning through providing feedback and indicates what is good about a piece of work and Water, fibre and their importance. why this is good and how the work could be improved. Healthy eating guidelines. c. Summative assessment, which demonstrates the extent of learners' Healthy eating plate. success in meeting the assessment criteria and will contribute to the final Planning towards cooking assessment. mark given at the end of the units. Cooking practical assessment d. Ability to explain the causes of each dietary related disease. (selected dishes of students' choice e. Ability to explain the factors affecting food choices. showing good cooking skills). This can f. Class tests, questioning in class, demonstration of tasks. be any multicultural or healthy dish. a. Essay writing on selected micronutrient and macronutrients. Spring 1 Students will study: b.To be able to differentiate between micronutrients Factors affecting food choices. macronutrients. Dietary related diseases (Obesity) c. Formative assessment, which contributes to learning through Dietary related diseases (Type 2 providing feedback and indicates what is good about a piece of work and diabetes) why this is good and how the work could be improved. Dietary related disease (Anaemia, d. Summative assessment, which demonstrates the extent of learners' success in meeting the assessment criteria and will contribute to the final goitre, osteoporosis, osteomalacia etc.). Protein deficiency diseases like mark given at the end of the units. kwashiorkor and marasmus. e. Class tests, questioning in class, demonstration of tasks. Textiles classes will move to Food and Food students will move to Textiles classes will move to Food and These classes will begin Autumn 1 lessons in that order. Those who Food students will move to Textiles. don't change will continue from Spring 2. These classes will begin Autumn 1 lessons in that order. Those who don't change will continue from Spring 2. a. Formative assessment, which contributes to learning through Spring 2 Students will research into: providing feedback and indicates what is good about a piece of work and Functions of ingredients during cooking. why this is good and how the work could be improved. Food poisoning and preservation. b. Summative assessment, which demonstrates the extent of learners' success in meeting the assessment criteria and will contribute to the final Energy balance and energy need mark given at the end of the units.

c. Class tests, questioning in class, demonstration of tasks.

Summer 1

Students will carry out design processes for a selected food product (**pasta salad**):

- *Go through the various stages of the design process.
- *Learn how to design a food product for a target group, and how it could be produced in larger quantities.
- *Be able to Research for ideas using computers.
- *Know and to understand a design brief and the factors to be considered in a design brief.
- *Generate their own design specifications.
- *Plan their task by the use of a brainstorm / mind mapping.
- *Conducting surveys to find out opinions of consumers.
- *Representation of ideas in different forms.
- *Developing their design ideas.

- a. Writing own specifications to meet design brief.
- b. Making own mind map for the task.
- b. Conducting a survey.
- d. Designing ideas.
- e. Formative assessment, which contributes to learning through providing feedback and indicates what is good about a piece of work and why this is good and how the work could be improved.
- f. Summative assessment, which demonstrates the extent of learners' success in meeting the assessment criteria and will contribute to the final mark given at the end of the units.
- g. Class tests, questioning in class, demonstration of tasks.

Summer 2

- *Designing and developing food packages.
- *Making of the actual food product to meet specification.
- *Evaluation of products made.
- *Suggestions to improve product (pasta salad).

- a. Designing appropriate food package for the pasta salad made.
- b. Planning and cooking to meet design ideas and specifications.
- c. Formative assessment, which contributes to learning through providing feedback and indicates what is good about a piece of work and why this is good and how the work could be improved.
- d. Summative assessment, which demonstrates the extent of learners' success in meeting the assessment criteria and will contribute to the final mark given at the end of the units.
- e. Class tests, questioning in class, demonstration of tasks.

PRACTICAL TASKS:

Throughout the academic year, students will plan, organise and learn how to cook, prepare, present and evaluate dishes like:

Sponge cake; Shortbread biscuits / Chocolate cookies; Muffins; Stir fry, Rock cake; Pasta salad, Vegetable salad, Ragu, Jam tart, Viennese biscuits, Rice dish; Multicultural dish cooking; etc., Extension work: Design and make their own Multicultural dishes.

- *Ability to cook dishes of acceptable qualities.
- *Describe how to make selected dishes.
- *Ability to follow a recipe.
- *To Choose equipment appropriate to each task. *To weigh and measure ingredients accurately. *To work independently in an extremely competent and confident manner. *To follow the order of work correctly. *To use the right cooking methods. *To demonstrate good knowledge in relation to cooking times and being able to make adjustments in practice as required.
- *To show good knowledge in relation to seasoning.
- *To present the present dishes in attractive manner with skillful garnishes. *To produce accurate portion control in all dishes.
- *Health and safety rules should be thoroughly practiced.
- *To work independently without support and use range of high and medium level cooking skills. *To show high standard of competence. *Organoleptic testing and evaluation of food and using the right words to evaluate food.

Year 8 Course Description for Food Technology

As part of students work with food, they are taught how to cook and apply the principles of nutrition and healthy eating. Instilling a love of cooking in pupils will also open a door to one of the great expressions of human creativity.

Learning how to cook is a crucial life skill that enables pupils to feed themselves and others affordably and well, now and in later life. In Food and Technology, Year 8 combine practical and technological skills with creative thinking to design and make food that meet human needs. They learn to think creatively and intervene to improve the quality of life, solving problems as individuals and members of a team. They combine practical and intellectual skills with an understanding of aesthetic, technical, cultural, health, social, economic, industrial and environmental issues. Students develop confidence in using practical skills.

Students are taught to: a. Design or plan and cook healthy, appetising and delicious dishes to meet the needs of consumers. b. Respond creatively to design briefs, developing their own proposals and producing specifications for products. c. Use their understanding of others' designing to inform their own. d. Plan and organise activities and then shape, form, mix, assemble and finish food materials or ingredients. e. Reflect critically when evaluating and modifying their ideas and proposals to improve food products. f. Generate, develop, model and communicate their cooking ideas in a range of ways, using appropriate strategies.

Assessment

Students will be assessed on the development of their skills, knowledge and understanding of a range of topics and the quality and acceptability of food products and designs they make. Each classwork, homework, class test, examination and food product made is individually assessed. These are graded as meeting or not meeting their targets. At the end of Year 8 students are given an overall grade based upon the average grade obtained throughout the year.

Homework

It is expected that regular homework, which will be given to students, is related to the topics. Homework will be given every other week. For example, if homework is give in week 1, will be collected in week 2 and marked in accordance to school policy.

How Parents Can Help

- * Ensure that their child has the right ingredients for practical lessons.
- * Provide your child with an apron, a container and mathematical set for written and design work.
- * Assist and monitor to make sure that your child's homework has always been completed.
- * Encourage children to do revisions at home.

Homework

It is expected that regular homework, which will be given to students, is related to the topics. Homework will be given every other week. For example, if homework is give in week 1, will be collected in week 2 and marked in accordance to school policy.

- * Ensure that their child has the right ingredients for practical lessons.
- * Provide your child with an apron, a container and mathematical set for written and design work.
- * Assist and monitor to make sure that your child's homework has always been completed.
- * Encourage children to revise at home.
- * Encourage children to cook at home.

French

TERM	MAIN ASSESSMENT TASK
Autumn 1	Formative Assessments:
Module 1 'Vive les Vacances!	Formative Assessments.
Talking about school holidays	Mainly through AFL in class to check
Saying what you did during the holidays	understanding of content.
	Written activities including homework
Describing a visit to a theme parkSaying where you went and how	Summative Assessment: End of Module Test
	listening and writing.
	instanting und unitarily.
Reading to spot the past tense in a text Adding and answering questions.	
7. Asking and answering questions	Favorativa Assassana anta-
Autumn 2 Module 2 'J'adore les fêtes!'	Formative Assessments:
	4 Mainly through AFI in class to chack
Describing festivals and special days	4. Mainly through AFL in class to check
Buying food at a market A light modified to below the delication.	understanding of content. 5. Written activities including homework
Using prediction to help with challenging listonian passages.	6. Summative Assessment: End of Module Test
listening passages	listening and writing.
Giving answers in French for a reading task Tallian about a february trian	iisteriirig and writing.
Talking about a future trip C. Writing about New Years	
6. Writing about New Year Continued.	Favoration Assessments
Spring 1	Formative Assessments:
Module 3 'À Loisir'	7 Mainly through AEL in class to chack
Talking about celebrities and TV programmes Talking about digital to should give	7. Mainly through AFL in class to check understanding of content.
Talking about digital technology	8. Written activities including homework
Arranging to go to the cinema Tallian all and laining activities.	9. Summative Assessment: End of Module Test
Talking about leisure activities	listening and writing.
Spotting synonyms	insterning and writing.
Using three tenses when speaking Coving 3	Favorativa Assassana anta-
Spring 2	Formative Assessments:
How to talk about where you live The weather	10. Mainly through AFL in class to check
How to listen for different persons of the verb	understanding of content.
How to use different strategies to decode	11. Written activities including homework
words while reading	12. Summative Assessment: End of Module Test
Daily routine	listening and writing.
Moving house	instanting and triveling.
Summer 1	Formative Assessments:
Module 5 'Le sport en direct'	Torriative Assessments.
Talking about sports	13. Mainly through AFL in class to check
Giving opinions about sports	understanding of content
Asking the way and giving directions	14. Written activities including homework
Using ill faut to say 'you must'	15. Summative Assessment: End of Module Test
Talking about injuries and illness	listening and writing.
6. Interviewing a sportsperson	
Summer 2	Formative Assessments:
Revision and Assessment	16. Mainly through AFL in class to check
NCVISION WITH AUGUSTINETIC	understanding of content.
	17. Written activities including homework
	18. Summative Assessment: End of Module Test
	reading and speaking

Students at Key Stage 3 students are taught to:

Communicate through speaking and writing and to understand French through listening and reading on a variety of different topics including authentic texts and materials. They will also learn about French grammar and gain skills in language enrichment, adaptation and translation.

- Develop speaking and listening skills by understanding and responding in French.
- Develop reading and writing skills in order to write simple sentences and find information from a short written text.
- Manipulate the language by adding extra details e.g. opinions and justification.
- Learn to be able to accurately translate short phrases from French to English and English to French.

Students will follow the new Dynamo 2 course in Year 8 along with additional cultural topics

Assessment

At the end of each module, Dynamo has a formal summative assessment. Students will be assessed in the 4 skills; listening, reading, writing and speaking skills. Translation and extended writing tasks are incorporated where students will receive detailed feedback once they have completed these. Self-assessment and peer-assessment is implemented through different activities such as tests, grammar exercises and some reading and listening tasks.

Homework

Students will be given homework related to the topic they are studying on a regular basis. They will also be given spelling tests and quizzes that will enable them to self-assess their progress. Students will also be given the opportunity to immerse into the cultural, social and language aspects of French via a variety of cultural homework that will be provided to them.

- Check SMHW to see what homework has been set and ensure that the pupil has completed it.
- Buy a French dictionary and look up French websites.
- Encourage your child to ask the teacher after the lesson if they have not understood the work.
- Show an interest in your child's work and ask them to teach you the words/phrases they have learnt (this will help them practise speaking).
- Watch French films with subtitles, listen to French songs with lyrics.

Geography

TERM	MAIN ASSESSMENT TASK
Autumn 1 Biomes	Written Assessment – Why are the world's Biomes Unique?
	 Students will be required to recall factual information concerning the climate conditions for a range of biomes, and then use sources to discuss the elements of each biome that make them unique from a Geographical perspective.
Autumn 2 Russia in the modern world	Construct a fact file on Russia – would Russia be a good place to live?
	 Students will create a fact file, using a range of human and physical Geographical concepts to describe Russia. They will use the information to evaluate the positives and benefits of living in Russia.
Spring 1	Earthquake Survival guide
Tectonics	3. Students will investigate how are Earthquakes measured, and how do we make it more likely that we would survive one?
Spring 2 Migration	Extended writing activity – Evaluate the causes and effects of migration. Is migration a good thing?
	4. Students will be required to balance the pressures caused by international and national migration, against the benefits presented by migration, such as economic growth. They should be able to discuss how the pressures on services created by migration can be mitigated by national and local government.
Summer 1	The Horn of Africa
<u>Africa</u>	5. Students will explore why parts of Africa have lagged behind other areas of the world in terms of development and government?
Summer 2 Weather and Climate	6. End of Year 8 written assessment

During Year 8 pupils will build upon the skills and knowledge gained through Year 7, improving their understanding of the techniques used to gather geographical evidence and data. Controversial issues, such as migration and sustainable development, will be covered, and students will develop their written communication and enquiry skills.

Assessment

All pupils will complete a set of departmental assessments, which will inform their teachers as to their progress, and to any issues with understanding that need to be addressed. Informal assessments will take place at the end of each unit, with a main assessment at the end of Year 8.

Homework

Homework tasks are designed to stretch all pupils' understanding of the lessons they have covered that week. Examples include speech writing, the use of poetry, drawing scientific diagrams and source analysis.

How Parents Can Help

Parents can encourage their children to take an interest in current affairs that may relate to their Geography topics, using news websites and other sources. They can also check that homework is being completed using SatchelOne.

History

TERM	MAIN ASSESSMENT TASK
Autumn 1	 Scaffolded assessment- recall of important
Who were the Tudors?	facts, use of sources and demonstrating
	understanding of historical interpretations
	2. Extended written explanation task- Was
	Elizabeth's religious settlement successful?
Autumn 1	3. Scaffolded assessment- recall of important
The English Civil War	facts, use of sources and demonstrating
	understanding of historical interpretations
	4. Extended written explanation task- Why did the
	Civil War start?
Autumn 2	Scaffolded assessment- recall of important
What was the Atlantic Slave Trade?	facts, use of sources and demonstrating
	understanding of historical interpretations.
	6. Extended written explanation task- were
	religious leaders the main reason slavery was
	abolished?
Spring 1	7. Scaffolded assessment- recall of important
How did Britiain gain and lose an Empire?	facts, use of sources and demonstrating
	understanding of historical interpretations.
Spring 2	8. Scaffolded assessment- recall of important
What was the Industrial Revolution?	facts, use of sources and demonstrating
	understanding of historical interpretations.
	Extended written explanation task.
Summer 1	10. Scaffolded assessment- recall of important
How did the world go to war in 1914?	facts, use of sources and demonstrating
	understanding of historical interpretations.
	11. Extended written explanation task.
Summer 2	12. Project based assessment. Pupils will create
What was life like on the Western Front?	through a media of their own choice a display/
	presentation.

Year 8 Course Description

Our Year 8 curriculum builds on the topics studied in Year 7, moving onto what is often described as the 'Early Modern Period'. This part of the curriculum introduces students to increasingly complex concepts and ideas such as the reformation, the restoration and enlightenment. Yr 8 also increases in complexity of political ideas and the dynamics of power struggles in the 16th to 19th centuries.

Assessment

Pupils will be given summative assessments at the end of each unit they study, allowing them to see how they are progressing against their individual targets. They will practice with formative assessment throughout the course.

Homework

Homework tasks will be set on a weekly basis, and will be following the 'meanwhile elsewhere' programme of homework. This is intended to help the curriculum be more inclusive and less Euro/ British centric.

How Parents Can Help

Parents can check that their child has a full set of equipment for each lesson, and that they are completing all of their homework assignments. Pupils may also be required to complete research-based homework, although they can use computer facilities within the school to do this.

ICT

TERM	MAIN ASSESSMENT TASK
 Autumn 1 E-safety & Cyber Crime The unit focuses on both E-safety and cybercrime. The student would explore the topics such as email scams, hacking, legislation, health and safety. 	 End of unit test Worksheets Leaflet on eSafety
 Autumn 2 Understanding Computers Students will learn the elements of a computer, the role of a CPU followed by understanding binary and binary addition. 	4. End of unit test 5. Worksheets
 Spring 1 Understanding Computers Students will learn the elements of a computer, the role of a CPU followed by understanding binary and binary addition[continuation from Autumn 2] Explain the importance of devices Show understanding of how it all works together 	6. End of unit test
 Spring 2 HTML Understand the structure of a website. Learn the HTML tags and program and 3-to-4-page website about themselves 	7. To produce a 3-to-4-page website about themselves
Use of HTML in Dreamweaver Environment • Understanding how HTML knowledge is essential to be able to use DreamWeaver software. • Students will enhance their HTML pages using all the additional feature DreamWeaver has.	8. To produce a 5 – 6 page interactive website.
Advanced Scratch Understand advance features of scratch to produce popular games such as pacman and a racing car game	9. End of unit assessment to be based on producing a game in timed conditions.

Computer Science is a new subject in the school. It is a practical subject that all students will study throughout KS3. Students will be able to understand the importance of e-safety as well as being introduced to HTML and using DreamWeaver. Students will learn about all issues concerned with Cybercrime and understanding what happens inside a computer. Student will also use Scratch and develop their understanding of game design.

Assessment

By the end of year 8, it is anticipated that students should be able to demonstrate they can:

- Evaluate the importance of cyber crime.
- Produce a HTML pages about themselves
- Learn interactive features of DreamWeaver
- Advance Scratch
- End of Year Test

These skills will be assessed at the end of each project and progress will be tracked on trackers and through interim reports. Students will also complete end of unit tests as well as an end of year exam.

Homework

It is expected that regular homework will be given to students related to the topic they are studying. Homework will be given once a week and will include a range of research, evaluating what they have learned in the lesson and quizzes.

- Ensure that their child comes equipped to class
- Provide their child with time at home to practise the skills learnt in class through homework set Encourage and support their child with the research outside of school.

Maths

TERM	MAIN ASSESSMENT TASK
Autumn 1	
 Autumn 1 Number 1 Use the number line to order numbers. Add and subtract with negative numbers. Multiply and divide with negative numbers. Apply "BIDMAS" to calculations. Understand powers (indices). Round to the nearest 10, 100 and 1000. Round to the nearest tenth or one hundredth. Algebra 1 Simplify algebraic expressions by collecting like terms. Solve one and two step equations using inverse operations. Expand single brackets. Write simple formulae using words and letter symbols. Apply the skills of solving equations to questions involving angles, perimeter and area. Geometry 1 Convert between metric units of length, weight and capacity. Estimate and use measuring tools for length, weight and capacity. Read and interpret scales using decimals. Read time from analogue clocks, and converting between 12 and 24 hour clocks. 	 End of Unit test for all units Books marked on a regular basis with feedback Homework is set and marked weekly End of year test covering all material studied
Autumn 2	
Number 2	5. End of Unit test for all units
 Recognise and know the definitions of prime numbers, common factors and common multiples. Recognise and know the definitions of square numbers Understand index notation (powers) and use a calculator to work out calculations with higher powers and roots. Use index notation for squares and square roots. Calculate with squares and square roots Find the highest common factor and lowest common multiple of pairs of simple numbers. Geometry 2 Use the sum of angles in a triangle to deduce the angle sum in any polygon. Calculate interior and exterior angles of polygons Recognise corresponding and alternate angles. 	 6. Books marked on a regular basis with feedback 7. Homework is set and marked weekly 8. End of year test covering all material studied

Spring 1

Number 3

- Simplify fractions by cancelling.
- Convert between improper fractions and mixed numbers.
- Add and subtract proper and improper fractions.
- Multiply and divide proper and improper fractions.
- Find a fraction of a quantity.
- Write one number as a fraction of another.
- Convert between fractions, decimals and percentages.
- Find percentages of quantities

Algebra 2

- Generate terms of a sequence from either a term-to-term or a position-to-term rule.
- Recognise arithmetic (linear) sequences and find the nth term;
- Apply knowledge to sequences in context or with diagrams.

Geometry 3

- Draw plans and elevations.
- Identify and draw nets of 3D shapes.
- Use a ruler and protractor or compass to construct triangles.
- Construct a given Quadrilateral.
- Construct circles with a compass and label parts of a circle
- Use a ruler and compass to construct angle and perpendicular bisectors.

- 9. End of Unit test for all units
- Books marked on a regular basis with feedback
- 11. Homework is set and marked weekly
- 12. End of year test covering all material studied

13. End of Unit test for all units

- 14. Books marked on a regular basis with feedback
- 15. Homework is set and marked weekly
- 16. End of year test covering all material studied

Spring 2

Probability 1

- Label the probability scale with vocabulary.
- Attach values (fractions, decimals or percentages) to the probability scale. Understand when the probabilities of all outcomes sum to one.
- Calculate simple probabilities and identify mutually exclusive events.
- Use Venn Diagrams to find probabilities.
- Find the experimental probability of an event and compare with theoretical probabilities.

Statistics 1

- Construct and interpret tally charts.
- Construct and interpret frequency tables for discrete or continuous data.
- Draw and interpret dual bar charts.
- Find the mode, median, mean and range for data
- Construct and interpret pie charts.
- Draw and interpret stem and leaf diagram.
- Construct and interpret simple scatter diagrams.
- Identify correlation between two sets of data.

Draw a line of best fit and use it to estimate values

Summer 1

Geometry 4

- Calculate the perimeter of any given 2D shape.
- Apply a formula to the area of: rectangles, squares, triangles and parallelograms and trapezium.
- Find the area of compound shapes.
- Calculate the volume of cubes, cuboids, triangular prisms and prisms with a given crosssection.
- Apply all of the above to problem solving questions.
- Identify number of faces, edges and vertices of a 3D shape.

Ratios 1

- Present values in ratio form.
- Write a ratio in its simplest form.
- Reduce a three-part ratio to its simplest form.
- Divide a quantity into a given ratio.
- Use ratio to calculate a missing quantity.
- Use the unitary method to solve simple problems involving direct proportion.
- Use fractions to describe and compare proportions.
- Understand and use the relationship between ratio and proportion.
- Solve word problems involving ratio.
- Use ratios and measures.

21. End of Unit test for all units

17. End of Unit test for all units

feedback

18. Books marked on a regular basis with

19. Homework is set and marked weekly

20. End of year test covering all material studied

- 22. Books marked on a regular basis with feedback
- 23. Homework is set and marked weekly
- 24. End of year test covering all material studied

Summer 2

Algebra 3

- Plot graphs that are parallel to the axes.
- Read values from graphs
- Draw and Interpret conversion graphs such as £ to \$ or inches to cm.
- Read information from real-life graphs

Geometry 5

- Identify and define congruent
- Reflect 2D shapes using a mirror line on a pair of axes.
- Rotate 2D shapes with a given centre on a pair of axes.
- Translate 2D shapes with instructions on a pair of axes.
- Enlarge shapes on Cartesian axes using a positive scale factor.

Mathematics in Year 8 requires students to build on strong foundations set in Year 7 in order for them to be ready to meet the challenges and rigour of Year 9 and beyond. The changes to the curriculum pose many challenges to schools, students and parents alike, but they also offer fantastic opportunities for students.

Each class at The Forest Academy benefits from a curriculum taught using a wide range of resources supported by a number of course textbooks targeted at a range of abilities. We follow a scheme of work that is linked with Edexcel pi/sigma/delta textbooks which then feeds into a 3 year GCSE scheme of work, commencing in Year 9.

Assessment

Throughout the year, each set is assessed on a regular basis through the use of standardised Unit Tests. The setting is flexible and there may be movements between groups throughout the year, with most movement happening after the end of year test. It is essential for each student to arrive to lessons fully prepared and equipped with Mathematical equipment, including a scientific calculator which can be bought from the Maths Department for £8.

Homework

Homework is set at least once a week and should last for approximately 30 minutes. All homework will be set on the website HegartyMaths.com. This website provides instructional videos that help students if they are unsure with the content. The class teacher will also always record the homework set on Show My Homework.

How Parents Can Help

CGP KS3 Revision Maths revision books can be bought to help support students through their Maths lessons. The Khan Academy (free login, but does require registration at www.khanacademy.org) Nrich (web resources for stretching and provoking thought at www.nrich.maths.org)

Music

TERM	MAIN ASSESSMENT TASK
Autumn 1PerformanceKeyboard skills	 A solo performance of a keyboard piece to demonstrate knowledge of notes on the stave, rhythms and performance skills.
Autumn 2PerformanceFinding chords	Working out major and minor chords on keyboards and using these skills to perform a pop song.
Spring 1CompositionIndian Classical	 A composition based around a Raga and learning how to perform Indian Classical rhythms.
Spring 2PerformanceGuitar	 Learning how to read chord charts and performing a well-known pop song.
Summer 1CompositionMinimalism	 A class composition based on techniques used by a variety of Minimalist composers, using a range of instruments.
• Ensemble performance • Gamelan	 An ensemble of 'Baris', a traditional Balinese piece, using metalaphones.

Year 8 Course Description

Music is studied by all students in KS3. Students will explore a wide range of musical genres that encompasses not only Western classical tradition, but music from other cultures. Within music, students will learn a number of vital skills that can be transferred across subjects and help prepare for GCSE and life beyond school:

- Team work and communication
- Listening
- Creativity
- Confidence
- Problem solving and reasoning
- An awareness and understanding of different cultures and socio-political issues around the world

Assessment

- •Students will be assessed on all 3 areas outlined in the curriculum: performing, composing and appraising.
- •They will understand how to give and receive constructive feedback against success criteria and justify choices.
- •Skills and abilities will be marked and tracked using a modified GCSE mark scheme with regular feedback given

Homework

Homework will include a variety of activities including music theory exercises to independent research projects.

- Encourage their child to listen to a wide variety of music and discuss features
- Support child with their learning and discuss importance of the skills being taught

Physical Education

TERM	MAIN ASSESSMENT TASK
Autumn 1 Football / Basketball / Netball/ Handball/ Table Tennis	Students are questioned to check their understanding, and observed during
	competitive situations to check the extent to
	which they are demonstrating the core skills
	and using their knowledge and understanding
Autumn 2	2. Students are questioned to check their
Basketball / Netball/ Handball / Rugby / Football/ Table	understanding, and observed during
<u>Tennis</u>	competitive situations to check the extent to
	which they are demonstrating the core skills
	and using their knowledge and understanding
Spring 1	3. Students are questioned to check their
Badminton / Health related Fitness / Rugby/ Netball/	understanding, and observed during
Football/ Basketball/Handball	competitive situations to check the extent to
	which they are demonstrating the core skills
	and using their knowledge and understanding
Spring 2	4. Students are questioned to check their
Badminton / Health related Fitness / Rugby/ Netball/	understanding, and observed during
Football/ Basketball/Handball	competitive situations to check the extent to
	which they are demonstrating the core skills
	and using their knowledge and understanding
Summer 1	5. Students are questioned to check their
<u>Athletics</u>	understanding, and observed during
	competitive situations to check the extent to
	which they are demonstrating the core skills
	and using their knowledge and understanding
Summer 2	6. Students are questioned to check their
Cricket / Volleyball / Rounders/ Softball/Short tennis	understanding, and observed during
	competitive situations to check the extent to
	which they are demonstrating the core skills
	and using their knowledge and understanding

Student are taught a advanced core skills developing further knowledge within team games, net activities, athletics and striking and fielding. These activities encourage the use of team work, communication, leadership and performing individually. Included within each activity is further knowledge of the musculoskeletal system and introduction to the cardiovascular system and the different methods of training used for each sport when leading warm up safely in small groups.

Students complete core skills with some advanced in isolation and learn the rules and regulations to be able to apply them when officiating in competitive situations.

Assessment

Is based on the demonstration of the skills and application to competitive situations with inclusion of leadership positions. Students are assessed on knowledge and understanding of the bones and muscles through questions and answer during warm-ups and cool-downs.

Homework

- Join an extra-curricular club in order to further develop their core skills.
- Design a warm-up and cool down for their teams.

- Encourage them to join a sports club either in school or out of school and motivate full participation during PE lessons.
- Exercise and play sporting games at home

Religious Studies

TERM	MAIN ASSESSMENT TASK
Autumn 1 Introduction to Philosophical Questions Students will be given the opportunity to: •Explore what it means to be theist, atheist and an agnostic. •Discuss what happens after we die, if anything. •Express their own beliefs and values and compare them with other religious traditions.	Written Assessment – using key skills and information to explain why different people take different views, and how evidence can be used to form an argument about religious and secular ideas.
Stories from the Old Testament Students will be given the opportunity to: •Learn and evaluate historical scripture by looking at stories from the Old Testament. •Express what can be learnt from stories such as The Fall of Man and the Sacrifice God commanded from Abraham. •Evaluate if God is worthy of worship if God has favourites- God helped the Israelites but where was God during the Holocaust?	Written assessment – understanding the nature and beliefs of Judaism, using skills and information to discuss the features that connect Judaism to the other major world religions of Christianity and Islam
Spring 1 Who was Jesus? Students will be given the opportunity to: •Learn about the life of Jesus and how Christians today follow the example of Jesus. •Evaluate the miracles of Jesus and what can be learnt from the Parables he told.	 Extended writing investigating the use of the Bible, and the life of Jesus, to explain the key historical events that form the belief basis of modern Christianity
Spring 2 Inspirational Figures Students will be given the opportunity to: •Learn about how faith inspired the Civil Rights Movement. •Compare the approach of Martin Luther King and Malcolm X in campaigning for freedom.	How do Christians relate the teachings of the Bible with living in a modern Western Democracy? How has the relationship between Christians and the Church changed? What is the role of the Church in modern life?
Summer 1 Keeping Kashrut Students will be given the opportunity to: •Learn about what Keeping Kashrut means for the Jewish community and how Keeping Kosher affects their lives. •Explore Biblical teachings on Food Laws in Judaism and compare them with food laws from Islam.	How was Muhammed able to create a new belief system? What historical events in the life of Muhammed are important to Muslims, and how do the teachings of Muhammed relate to the other Abrahamic religions?
Summer 2 Sikhism & Equality Students will be given the opportunity to: • Develop an understanding of how Sikh teachings lead to actions of charity within the community. • Explore Sikh teachings on equal rights for women and men in religion and gain an understanding of how Sikh teachings influence fair treatment of all individuals.	Modern Islam – how has Islam developed as a belief system since the time of Muhammed, and how does this correlate with the growth of Islam into one of the major world religions?

Religious Studies is an important curriculum subject. It is important in its own right and makes a unique contribution to the spiritual, moral, social and cultural development of pupils and supports wider community cohesion.

The UK has a rich heritage of culture and diversity. Religion and belief for many people forms a crucial part of their culture and identity. As a result it is important that students in KS3 gain a deeper insight into the lives of people who practice a faith or not and how belief can influence good actions. The impact of religion on society and public life is constantly brought to public attention through extensive media coverage. It is important that these issues are discussed in the classroom to avoid stereotyping, isolation and discrimination of faith groups.

At Key Stage 3 students are taught to:

- •Learn about the different faiths around them and express how faith can lead to action within communities.
- Explore their own beliefs about creation and existence and compare them with the views of others.
- •Understand historical scripture and its importance for faith communities today.
- •Look at how religion can sometimes inspire people to act virtuously but also how some views can be interpreted incorrectly to influence immoral and deviant behaviour.
- •To explore the ethical issues concerned with matters of life and death.

Assessment

By the end of the year it is anticipated that students should be able to demonstrate they can:

- •Identify and explain relevant key terms for each topic studied.
- •Outline how faith can lead to action in the community.
- •Express and justify opinions on topic areas studied for example, is war ever justified? When does life begin?
- •Discuss how believers have described the characteristics of God.
- Confidently use religious teachings to support their answers.
- •Understand and evaluate the importance of events from historical scripture and what they mean for believers
- Explain what can be learnt from religion.

Homework

It is expected that regular homework will be given once a fortnight to students in year 8. Homework will be marked in accordance to school policy.

Homework could include researching a topic we will be studying or creating posters and speeches about areas learnt in the lesson.

- Provide your child with access to the internet for research and developing ICT related projects
- •Assist in checking the quality of the finished work.
- Discussing current affairs with your child to ensure they have thought about their opinion on the matter.
- •Ensure that their child comes equipped to class time.

Science

TERM	MAIN ASSESSMENT TASK
Autumn 1	End of Unit Test
Units completed Unit B2.1: Health and lifestyle Unit C2.1: The periodic table	 Completed at the end each unit. Consists of 30 mark test papers. Class teacher will schedule at the end of each teaching unit. Deep marking Tasks Assesses key skills and knowledge, completed approximately fortnightly.
Autumn 2	End of Unit Test
Units completed Unit P2.1: Electricity and magnetism Unit B2.2: Ecosystem processes	 3. Completed at the end each unit. Consists of 30 mark test papers. Class teacher will schedule at the end of each teaching unit. Deep marking Tasks 4. Assesses key skills and knowledge, completed approximately fortnightly.
Units completed Unit C2.2: Separation techniques Unit P2.2: Energy	 End of Unit Test 5. Completed at the end each unit. Consists of 30 mark test papers. Class teacher will schedule at the end of each teaching unit. Deep marking Tasks 6. Assesses key skills and knowledge, completed approximately fortnightly.
Spring 2 <u>Units completed</u> Unit B2.3: Adaptation and inheritance	End of Unit Test 7. Completed at the end each unit. Consists of 30 mark test papers. Class teacher will schedule at the end of each teaching unit.
Unit C2.3 : Metals and acids	Deep marking Tasks 8. Assesses key skills and knowledge, completed approximately fortnightly.
Units completed Unit P2.3: Motion and pressure Unit C2.4: The Earth	 End of Unit Test 9. Completed at the end each unit. Consists of 30 mark test papers. Class teacher will schedule at the end of each teaching unit. Deep marking Tasks 10. Assesses key skills and knowledge, completed approximately fortnightly.
Units completed Unit B3.1 : New technology (selective breeding and genetic engineering)) Unit C3.2 : Turning point in chemistry (Evidence for atoms and discovering the periodic table) Unit P3.2 turning point I physics (radio activity)	End of Unit Test 11. Completed at the end each unit. Consists of 30 mark test papers. Class teacher will schedule at the end of each teaching unit. Deep marking Tasks Assesses key skills and knowledge, completed approximately fortnightly. End of Year Exam 1-hour long paper that covers all units of biology, Chemistry and Physics.

Course Description

Activate KS3 Science

Activate KS3 science course has been designed to deliver the National Curriculum and the Science Programmes of Study for Key Stage 3. The course builds a foundation of science skills while fostering students' natural curiosity about their world. This course is suitable for students who will go on to study any awarding body's GCSE science specifications.

Students will complete:

- 4 units of Biology,
- 5 units of Chemistry
- 4 units of Physics

Assessment

Students will complete unit tests to demonstrate their understanding of the concepts covered in each unit. Students will also complete an exam at the end of year 8.

Homework

Each class has two teachers and homework will be set once a week per teacher. The homework will include a range of tasks:

- Research task
- Extended writing task
- Question worksheets
- Exam question booklets
- Links to online web resources and links YouTube revision videos.

- Check SMHW to see what homework has been set and ensure that the student has completed it.
- Ensure that their child comes equipped to class
- Provide their child with time at home to practise the skills learnt in class through homework set.
- Ensure their child has access to online resources provided by the school and on the web

Spanish

TERM	Main assessment task
Autumn 1 Module 1: Mis vacaciones De vacaciones – Talking about a past holiday ¿Qué hiciste? – Saying what you did on holiday El Iltimo día – Describing the last day on holiday ¿Cómo te fue? – Saying what your holiday was like ¡Vaya vacaciones! -Using the preterite and the present together	 Teacher feedback in class and in books Peer and self-assessment Results from homework Half-termly assessments in 3 out of 4 skills. Writing and speaking assessments on alternate terms
Autumn 2 Module 2: Todo sobre mi vida Mi vida, mi móvil – Saying what you use your phone for ¿Qué tipo de música te gusta? – Saying what type of music you like Me gustan las comedias – Talking about TV ¿Qué hiciste ayer? – Saying what you did yesterday Mi guía – Understanding a TV guide Mi vida, tu vida – Learning about young people's lives	 6. Teacher feedback in class and in books 7. Peer and self-assessment 8. Results from homework 9. Half-termly assessments in 3 out of 4 skills. 10. Writing and speaking assessments on alternate terms
Spring 1 Module 3 ¡A comer! — Eating ¿Qué te gusta comer? — What do you like eating? ¿Qué desayunas? - Describing mealtimes En el restaurante — In the restaurant ¿Qué vamos a comprar? - Discussing what to buy for a party ¡Fiesta! — Giving an account of a party ¿Y tú? ¿Qué opinas? — Using coping strategies when speaking.	 11. Teacher feedback in class and in books 12. Peer and self-assessment 13. Results from homework 14. Half-termly assessments in 3 out of 4 skills. 15. Writing and speaking assessments on alternate terms
Spring 2 Module 4 ¿Qué hacemos? – What do we do? ¿Te gustaría ir al cine? – Arranging to go out Lo siento, no puedo – Making excuses ¿Cómo te preparas? – Discussing getting ready to go out ¿Qué vas a llevar? – Talking about clothes ¡Hoy partido! – Talking about sporting events El baile de disfraces – Describing a fancy dress outfit	 16. Teacher feedback in class and in books 17. Peer and self-assessment 18. Results from homework 19. Half-termly assessments in 3 out of 4 skills. 20. Writing and speaking assessments on alternate terms

Summer 1

Module 5: Operación Verano – Operation summer ¿Qué casa prefieres? – Describing a holiday home ¿Qué se puede hacer en...? – Describing holiday activities

¿Dónde está? – Asking for directions Campamentos de Verano – Summer camps ¡Destinos! – Describing a world trip

- 21. Teacher feedback in class and in books
- 22. Peer and self-assessment
- 23. Results from homework
- 24. Half-termly assessments in 3 out of 4 skills.
- 25. Writing and speaking assessments on alternate terms

Summer 2

Revision and Assessment

Students will be given the opportunity to study:

- How to say what sports they do and what they do in their spare time and at the weekend.
- How to talk about jobs that you do around the house

Teacher feedback in class and in books

Peer and self-assessment

Results from homework

Half-termly assessments in 3 out of 4 skills.

Writing and speaking assessments on alternate terms

Year 8 Course Description

Students At Key Stage 3 students are taught to:

- Communicate through speaking and writing and to understand Spanish through listening and reading on a variety of different topics including authentic texts and materials. They will also learn about Spanish grammar and gain skills in language enrichment, adaptation and translation.
- Develop speaking and listening skills by understanding and responding in Spanish.
- Develop reading and writing skills in order to write a few sentences and find information from a short written text.
- Manipulate the language by adding extra details e.g. opinions and justification.
- Learn to be able to accurately translate short phrases from Spanish to English and English to Spanish.
- Students will follow the new VIVA1 course in Year 8 with additional cultural topics.

Assessment

At the end of each module, Viva has a formal summative assessment. Students will be assessed in the 4 skills; listening, reading, writing and speaking skills. Translation and extended writing tasks are incorporated where students will receive detailed feedback once they have completed these. Self-assessment and peer-assessment is implemented through different activities such as tests, grammar exercises and some reading and listening tasks.

Homework

Homework will be set once a week on SMHW using a variety of tasks; work sheets, reading and writing tasks, quizzes, often differentiated to reinforce the learning done during the lesson. There will also be regular vocabulary tests. Students will be given homework related to the topic they are studying on a regular basis. They will also be given spelling tests and quizzes that will enable them to self-assess their progress. Students will also be given the opportunity to immerse into the cultural, social and language aspects of Spanish via a variety of cultural homework that will be provided to them.

- Check SMHW to see what homework has been set and ensure that the pupil has completed it.
- Buy a Spanish dictionary and look up Spanish websites.
- Encourage your child to ask the teacher after the lesson if they have not understood the work.
- Show an interest in your child's work and ask them to teach you the words/phrases they have learnt (this will help them practise speaking).
- Watch Spanish films with subtitles, listen to Spanish songs with lyrics

Technology (Hard)

TERM MAIN ASSESSMENT TASK Autumn By the end of the year, it is anticipated that students should be able to demonstrate they can: Mechanisms and application 1. Show evidence of research from two sources This project helps to develop understanding of independently e.g., internet/magazines/books mechanisms, levers, leverage, linkage, and 2. Explain how I could use the designer style in my movement. Pupils will develop skills with tools and project. design skills across a range of tasks. 3. Write a design specification which reflects my Students will apply knowledge to focus practical task research. to explore and develop understanding of individual mechanisms. 4. Use simple research data in my design work e.g., colours, font styles, layouts etc. Spring 5. Draw two/three ideas which relate to a brief using two drawing techniques. **Mechanical product** 6. Produce a variety of creative ideas linked to my research and analysis. 7. Design and develop ideas by using a variety of To scaffold prior leaning in Y7 with wood to create a project with more complex joinery techniques. information sources. Numeracy and accuracy are key to this unit so cross 8. Present my development work neatly using curricular links are embedded. 2D/3D drawings. Improved tool knowledge and understanding are 9. Use tools correctly and safely. also linked. This project is again linked to a design 10. Produced a product which has a good level of movement. demand in some parts. Student will combine knowledge and 11. Apply quality check stages during the making of understanding of various types of mechanisms my product. to develop a product 12. Use the comments of others to help me evaluate my product. Summer 13. Explain in writing whether a product has been Picture frame project successful or not. Formative assessment, which contributes to learning To scaffold prior leaning in Y7 with wood to create a through providing feedback that indicates good quality project with more complex joinery techniques. work and areas for improvement where applicable. Numeracy and accuracy are key to this unit so cross **Summative assessment,** which demonstrates the curricular links are embedded. extent of learners' success in meeting the assessment Improved tool knowledge and understanding are criteria and will contribute to the final mark given at the also linked. This project is again linked to a design end of the units. movement. **Graphics communication**

 To develop and build their drawing and modelling skills, pupils will work with materials to build 3D skills via modelling and drawing. Assessment from drawing and design tasks and meeting key criteria.

Course Overview

All pupils in KS3 can study a range of projects. Each project in KS3 has a specific DT focus, which range from product design and construction with some incorporating key CAD/CAM SKILLS using 2D Design™ Each KS3 group has an allocation of 2 hours per fortnight and are in groups of mixed ability classes. Each KS3 Project had been specifically chosen to develop and enhance the learning and understanding of a modern DT

curriculum. Pupil's work on individual projects as well as working in project teams to again develop their leadership and team building skills.

The department enjoys state of the art DT classrooms housing 3 multi-functional workshops, these classrooms include a range of cutting-edge machinery, hand tools and CAD/CAM equipment.

Assessment

By the end of year 8 it is anticipated that students should be able to demonstrate they can:

- Apply their skills, knowledge and understanding of a range of topics.
- Design and make quality functional products. Each classwork, homework, class test, examination and practical task made is individually assessed. These are graded as meeting or not meeting their targets.
- At the end of Year 8 students are given an overall grade based upon the average grade obtained throughout the year.

Homework

It is expected that regular homework will be given once every fortnight to students. Homework will be linked to encourage the development of the projects they are currently working on in school. Homework will be marked in accordance with school policy. Support with homework will be offered by all DT Staff.

- Ensure that their child comes equipped to class
- Check homework set on Show My Homework and ensure that it is completed to a good standard
- Encourage and support their child with the research outside of school.

Textiles

TERM

Autumn 1/Spring 2

Students will explore:

Health and safety issues when using the sewing machines and specialised textiles equipment.

Hazards in a textiles workshop.

Textiles equipment and their uses.

Using the hot textiles equipment safely.

Autumn 2/Summer 1

Students will study: Experimentation and research

Students explore and research into textiles basic techniques and process and apply their knowledge to fit the set brief.

This project they will explore: -

- Researching into design theme.
- Be able to research for ideas using computers.
- Experimenting with decorating fabric.
- Using hot textiles equipment such as batik, heat press and glue gun.
- Hand embroidery using hand sewing equipment.
- Applique and machine embroidery.
- Using the sewing machines for basis stitching.

Main assessment task

- a. To use basic sewing equipment with precision.
- b. Ability to identify risks and hazards when in a textiles workshop and knowing how to prevent accidents.
- c. Formative assessment, which contributes to learning through providing feedback and indicates what is good about a piece of work and why this is good and how the work could be improved.
- d. Summative assessment, which demonstrates the extent of learners' success in meeting the assessment criteria and will contribute to the final mark given at the end of the units.
- e. Class tests, questioning in class, demonstration of tasks.
- a. Peer/ self-assessments throughout project. Mid-term test
- a. Formative assessment, which contributes to learning through providing feedback and indicates what is good about a piece of work and why this is good and how the work could be improved.
- c. Summative assessment, which demonstrates the extent of learners' success in meeting the assessment criteria and will contribute to the final mark given at the end of the units.
- d. Class tests, questioning in class, demonstration of tasks.

Spring 1/ Summer 2

Students will be able to expand their research and experimentation into their own design and create their own final product through careful planning.

This project students will be able to explore: -

- Plan their task using a brainstorm / mind mapping.
- Generate their own design specifications.
- Developing their design ideas.
- Measuring and cutting accurately
- Using a sewing machine confidently

- a. Writing own specifications to meet design brief.
- b. Making own mind map for the task.
- c. Designing ideas Writing on planning and making.
- d. Formative assessment, which contributes to learning through providing feedback and indicates what is good about a piece of work and why this is good and how the work could be improved.
- e. Summative assessment, which demonstrates the extent of learners' success in meeting the assessment criteria and will contribute to the final mark given at the end of the units.
- f. Class tests, questioning in class, demonstration of tasks. End of project test.

- Go through the various stages of the design process.
- Learn how to design a textiles product for a target group, and how it could be produced in larger quantities.
- Evaluation of product made.
- Suggestions to improve.

PRACTICAL TASKS:

Throughout the academic year, students will plan, organise and learn how to sew, prepare, make and evaluate:

Project – Soft toy project based on the design theme ocean pollution.

Students will have the opportunity to use the sewing machines, hand sewing equipment, iron, and specialist textiles equipment.

Difficulty levels: - Allow students to have a challenge based on their abilities Red – Dolphin – 2 pieces of fabric Orange – Shark/Seal – 3 pieces of fabric pieces

Green – Turtle – 17 or more pieces – can be made in pairs

Extension work: Will always be set through SMHW in the extension tasks booklet.

*Ability to sew different techniques and process.

*Describe how to create different textiles techniques and processes.

*Ability to follow a step by step guide.

*To choose equipment appropriate to each task. *To measure and cute fabric accurately. *To work independently in an extremely competent and confident manner. *To follow the order of work correctly. *To use the right sewing methods. *To demonstrate good knowledge in relation to manufacturing a product and being able to make adjustments in practice as required.

*To show good knowledge in relation to techniques and processes learnt.

*To present the present work in a creative manner.

*Health and safety rules should be thoroughly practiced.

*To work independently without support and use range of high and medium level sewing and making skills. *To show high standard of competence. * Evaluation of final product and using the right textiles specialist words.

Year 8 Course Description – Textiles

Textiles technology gives students the opportunity to investigate, explore textiles techniques and analyse how well familiar products work and who they are really aimed at. Students learn how to solve practical problems skilfully, creatively and with imagination.

<u>Assessment</u>

Will be set every half term with a short quiz or end of term with a end of project test to check the students understanding and learning throughout the unit. The assessment grades will go towards data input to form target grades.

Homework

Homework will be set once every other week and will be uploaded on Show My Homework app so all students and parents have access to all homework set.

How Parents Can

To regularly check Show My Homework.

To assist you child with homework set – encourage them to find their own answers, explore their own thoughts and ideas.

INCLUSION

The Inclusion department is comprised of the English as an Additional Language (EAL) department and the Special Educational Needs and Disabilities department (SEND).

Special Educational Needs and Disabilities (SEND)

The SEN department supports students who have a variety of Special Educational Needs (SEN) and students who have gaps in their learning that have become barriers stopping them from making expected progress. The SEN team supports students while in class and through withdrawal for specific interventions. Teaching Assistants who support in a class will support all students in that class contributing to the progress of the whole group.

When students are withdrawn they are taught in groups with low pupil to staff ratios allowing students to make accelerated progress. The amount of time that students are withdrawn for depends on the needs of the students.

Withdrawal lessons support students in developing literacy skills, numeracy skills, communication skills, strategies for managing specific learning difficulties and social skills. In addition the school works with a variety of outside agencies who provide specialist support to students and offer advice and guidance to staff in supporting student with specific learning needs.

English as an Additional Language department (EAL)

For students who are new to English we offer a short term intensive program. This equips students with enough English and other skills to get started in lessons. We work with other teachers to prepare materials to help the students access the curriculum.

Ongoing support is provided throughout Key Stage 3 (year 7-9) through withdrawal groups which are small groups taught by an experienced EAL teacher.

Lunchtime club provides an opportunity for students to get help with homework and use bilingual resources. Parental engagement (including providing translators) and celebration of different cultures is also supported through the work of the EAL department.

For further information including the school's SEN offer and report on SEN please see the school's website.