



Year 9 Curriculum Overview

Year	Subject	LP	This half term I am learning:	By the end of this half term I will:
9	DT Art	1	<p>This half term I am learning:</p> <ul style="list-style-type: none"> - to develop research and observational drawing skills; - to mix controlled colour combinations; - to use a construction method to draw pictogram figures 	<p>By the end of this half term I will:</p> <ul style="list-style-type: none"> - be able to develop my drawing skills and knowledge of colour; - be able to use drawing and colour in combination to present an eye catching graphic poster; - develop the learning skills of INVESTIGATE, VISUALISE, DEVELOP, RECORD, HYPOTHESISE, EVALUATE and PRESENT.
9	DT Food	1	<p>This Learning Programme I am learning:</p> <ul style="list-style-type: none"> - about the cooking and preparation techniques used to change commodities into suitable menu dishes; - about the structure of the hospitality and catering industry; - about the factors that influence the success of businesses. 	<p>By the end of this half term I will:</p> <ul style="list-style-type: none"> - be able to use a variety of cooking and preparation techniques to produce different products suitable for service in a business; - be able consider the job roles and types of establishments within the hospitality and catering industry. - develop the learning skills of COMPARE, EXPLAIN, MODEL, IDENTIFY, and EVALUATE.
9	Graphics	1	<p>This Learning Programme I am learning:</p> <ul style="list-style-type: none"> - how to use ACCESS FM to analyse existing products; - how to sketch in 2D and 3D; - how to use 2D and 3D CAD software to produce designs and packaging; 	<p>By the end of this half term I will:</p> <ul style="list-style-type: none"> - be able to sketch in 3D; - be able to produce designs and packaging using 2D and 3D CAD software; - develop the learning skills of PRESENT, EXPLAIN, DEVELOP, CREATE, EVALUATE and COMPILE.
9	DT Product Design	1	<p>This Learning Programme I am learning:</p> <ul style="list-style-type: none"> - to IDENTIFY timbers and boards and explain where they come from; - to use a variety of tools and equipment safely; - to apply quality control checks during manufacture.. 	<p>By the end of this half term I will:</p> <ul style="list-style-type: none"> - answer an exam question based on timbers and boards; - manufacture a product safely in the workshop; - develop the learning skills of RESEARCH, IDENTIFY, EXPLAIN, COLLABORATE, FOCUS and APPLY.
9	English	1	<p>This half term I am learning:</p> <ul style="list-style-type: none"> - how the events of the 19th century affected people in Britain through analysis of a range of non-fiction extracts; - how Dickens presents themes and characters in 'A Christmas Carol' and how context influences the novella; - how writers' use of content, language and structure affects readers. 	<p>By the end of this half term I will:</p> <ul style="list-style-type: none"> - be able to infer meaning, ANALYSE language and EVALUATE information in 19th century non-fiction extracts ; - be able to ANALYSE Dickens' presentation of themes and characters in 'A Christmas Carol'; - be able to EVALUATE how historical and social context influenced Dickens' writing
9	History	1	<p>This Learning Programme I am learning:</p> <ul style="list-style-type: none"> - how alliances and assassination led to war; - how conditions in the trenches affected soldiers; - how key battles led to an Armistice. 	<p>By the end of this half term I will:</p> <ul style="list-style-type: none"> - be able to explain how MAIN led to war; - be able to describe the conditions in the trenches; - be able to reach a judgement on the impact of the First World War overtime.
9	Geography	1	<p>This Learning Programme I am learning:</p> <ul style="list-style-type: none"> - how climate change theory suggests humans have contributed to the process of global warming due to the greenhouse effect; - how global warming has a range of impacts around the world in high and low income countries and is addressed through a range of practical strategies; - how climate change is influencing Antarctica in addition to a range of other pressures faced 	<p>By the end of this half term I will:</p> <ul style="list-style-type: none"> - be able to EXPLAIN how climate theory suggests humans contribute to the process of global warming and EXPLAIN the
9	Maths	1	<p>This Learning Programme I am learning:</p> <ul style="list-style-type: none"> - how to use prime numbers to find the LCM and HCF; - how to write numbers in standard form and convert numbers to standard form; - how to use the laws of indices with algebraic expressions. 	<p>By the end of this half term I will:</p> <ul style="list-style-type: none"> - be able to use prime factorisation to solve problems; - be able to recall the index laws and apply them to standard form and in algebraic expressions; - be able to expand and factorise quadratics expressions.
9	MFL	1	<p>This Learning Programme I am learning:</p> <ul style="list-style-type: none"> - how to correctly use adjectival agreement; - how to use intensifiers to develop my descriptions; - how to use complex structures to develop my writing 	<p>By the end of this half term I will:</p> <ul style="list-style-type: none"> - be able to describe myself and my personality; - be able to describe my family members in detail; - be able to describe my friends and family relationships.
9	Music	1	<p>This half term I am learning:</p> <ul style="list-style-type: none"> - how to sing in unison and harmony in time; - how to perform chords on some instruments; - how to be effective in a rehearsal; - how to perform a syncopated rhythm correctly in a pair; - how to perform a piece of music within a band setting; - how to develop the LORIC skills. 	<p>By the end of this half term I will:</p> <ul style="list-style-type: none"> - be able to use LORIC skills and develop these through music; - be able to create a structured piece of music in a band; - be able to perform a group in a performance; - be able to reflect on feedback from peers to improve a performance; - be able to perform chords with a variation of rhythms; - be able to develop the learning skills for language of ENGAGE, RESPOND, REFLECT, IDENTIFY, COLLABORATE and
9	Pe	1	<p>This half term I am learning:</p> <ul style="list-style-type: none"> • how to outwit opponents through football; • how to improve the skills of passing, receiving, ball control and tackling; • how to improve fitness for football. 	<p>By the end of this half term I will:</p> <ul style="list-style-type: none"> • be able to use attacking and defensive principles within game situations; • be able to use a variety of attacking and defensive strategies within activities and game situations; • develop the learning skills of ORGANISE, INVESTIGATE, CONTRAST, COMPARE, SUMMARISE and ASSESS

9 RE	1	This Learning Programme I am learning: - about the concept of 'truth' and how Catholics believe it can be revealed through the Magisterium and Tradition; - about different arguments regarding the origin of the universe; - about different responses to miracles and unanswered prayers.	By the end of this half term I will: - be able to DESCRIBE different types of 'truth' and some Catholic teachings about how 'truth' can be revealed; - be able to EXPLAIN different arguments regarding the origin of the universe ; - be able to EVALUATE different views about miracles and unanswered prayers
9 Science	1	This half term I am learning: - how light microscopes can be used to investigate the structure and size of cells; - how electron microscopes can be used to investigate the ultrastructure of a cell.	By the end of this half term I will: - be able to CALCULATE the magnification of an image; - be able to COMPARE light and electron microscopes; - develop the learning skills of CALCULATE, COMPARE, EXPLAIN and OBSERVE.
9 DT Art	2	This half term I am learning: to develop research and observational drawing skills; to mix controlled colour combinations; to use a construction method to draw pictogram figures.	By the end of this half term I will: be able to develop my drawing skills and knowledge of colour; be able to use drawing and colour in combination to present an eye catching graphic poster; develop the learning skills of INVESTIGATE,VISUALISE, DEVELOP,RECORD,HYPOTHESE, EVALUATE,PRESENT.
9 DT Food	2	•This LP I am learning: about the cooking and preparation techniques used to change commodities into suitable menu dishes; about the structure of the hospitality and catering industry; about the factors that influence the success of businesses	By the end of this LP I will: be able to use a variety of cooking and preparation techniques to produce different products suitable for service in a business; be able consider the job roles and types of establishments within the hospitality and catering industry. develop the learning skills of COMPARE, EXPLAIN, MODEL, IDENTIFY, and EVALUATE.
9 Graphics	2	This LP I am learning: how to use ACCESS FM to analyse existing products; how to sketch in 2D and 3D; how to use 2D and 3D CAD software to produce designs and packaging;	By the end of this half term I will: be able to sketch in 3D; be able to produce designs and packaging using 2D and 3D CAD software; develop the learning skills of PRESENT, EXPLAIN, DEVELOP, CREATE, EVALUATE and COMPILE.
9 DT Product Design	2	This half term I am learning: to IDENTIFY timbers and boards and explain where they come from; to use a variety of tools and equipment safely; to apply quality control checks during manufacture.	By the end of this half term I will: answer an exam question based on timbers and boards; manufacture a product safely in the workshop; develop the learning skills of RESEARCH, IDENTIFY, EXPLAIN, COLLABORATE, FOCUS and APPLY.
9 English	2	This LP I am learning: - how to ANALYSE the poets' use of language and imagery to create meaning; - how to EVALUATE contextual information and connect it to the production of poems; - how to SYNTHESISE information using a thematic approach.	By the end of this LP I will: - be able to comment on the effectiveness of the poet's use of language; - be able to RESPOND to themes and generate areas of comparison between poems; - be able to EVALUATE contextual details and make secure connections to poems.
9 History	2	This LP I am learning: - how Hitler rose to power in the 1930s and became a dictator; - how the Nazi party controlled Germany with the use of terror and propaganda; - how the Jews were persecuted and the final solution was implemented during the Holocaust	By the end of this LP I will: - be able to EXPLAIN how and why the Nazis rose to power; - be able to EVALUATE the impact of the terror state on the people of Nazi Germany; - be able to EXPLAIN the events that took place during the Holocaust and the roles played by different groups in Nazi
9 Geography	2	This half term I am learning: -The location of extreme environments across the world; - How atmospheric pressure works and causes the formation of the extreme environments; -The Human uses and the impacts on the extreme environments; -How species have adapted to different extreme environments; -The Nutrient cycle and its influence in the Tropical rainforest; -How to produce climate graphs and describe the overall results in relation to past GCSE exam style questions.	
9 Maths	2	This LP I am learning: - how to multiply and divide fractions; - how to calculate percentage increases; - how to sort data into a Venn diagram.	By the end of this LP I will: - be able to calculate with fractions; - be able to solve reverse percentage problems; - be able to calculate probabilities from a Venn diagram.
9 MFL	2	This LP I am learning: - how to describe my hobbies in two tenses; - how to recognise tenses using timers; - how to talk about my television preferences.	By the end of this LP I will: - be able to conjugate accurately in the present and preterite tense; - be able to use timers to indicate time frame; - be able to use the near future tense.
9 Music	2	This half term I am learning: - how to sing in unison and harmony in time; - how to perform chords on different instruments; - how to lead a group in a rehearsal; - how to perform a syncopated rhythm correctly; - how to perform a piece of music within a band setting; - how to develop the LORIC skills.	By the end of this half term I will: - be able to use LORIC skills and develop these through music; - be able to create a structured piece of music in a band; - be able to lead a group in a performance; - be able to reflect on feedback from peers to improve a performance; - be able to perform and lead with a variation of rhythms; - be able to develop the learning skills for language of ASSESS, DEVELOP,SHARE, APPLY, PRESENT, ANALYSE, ORGANISE and EVALUATE
9 Pe	2	This half term I am learning: • how to outwit opponents through basketball; • how to improve the skills of passing, receiving, ball control and tackling;	By the end of this half term I will: • be able to use attacking and defensive principles within game situations; • be able to perform skills to an improved level; • develop the learning language of MODEL, ENGAGE, PLAN, ORGANISE, FOCUS, INVESTIGATE, DESCRIBE, EVALUATE and CONTRAST.

9 RE	2 This LP I am learning: - about religious and non-religious beliefs regarding life after death; - about different attitudes to the sanctity of life, abortion and euthanasia; - about Hindu beliefs in life after death	By the end of this LP I will: - be able to EVALUATE different beliefs about life after death; - be able to DESCRIBE different attitudes to the sanctity of life, abortion and euthanasia; - be able to EXPLAIN Hindu funeral rites and beliefs about life after death.
9 Science	2 This half term I am learning: - how light and electron microscopes can be used to observe cells; - how an organism grows and repairs through mitosis; - how cancer develops and how stem cells can be used in modern medicine.	By the end of this half term I will: - be able to EXPLAIN how light and electron microscopes can be used to study cells; - be able to EXPLAIN the main stages of the cell cycle and DESCRIBE when cell division becomes uncontrolled; - be able to develop the learning skills of EXPLAIN, DESCRIBE, ASSESS, EVALUATE and ANALYSE.
9 DT Art	3 This LP I am learning: to develop research and observational drawing skills; to mix controlled colour combinations; to use a construction method to draw pictogram figures	By the end of this LP I will: be able to develop my drawing skills and knowledge of colour; be able to use drawing and colour in combination to present an eye catching graphic poster; develop the learning skills of INVESTIGATE, VISUALISE, DEVELOP, RECORD, HYPOTHESE, EVALUATE, PRESENT
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9 History	3 This half term I am learning: - about how in Medieval England there were different ideas behind the causes of the disease; - about the different approaches to treatment and prevention of illness in Medieval England; - about how the ideas behind treatment and prevention of illness had changed by 1900	By the end of this half term I will :- be able to COMPARE and CONTRAST medieval hospitals with modern hospitals; - be able to EXPLAIN how ideas about the causes of illness had changed between 1200-1900; - be able to EVALUATE the extent to which ideas behind the treatment of disease and illness had changed;
9 Geography	3 This LP I am learning: - how there are two types of hazards (tectonic and meteorological) and the processes that cause them; - how countries and cities in different parts of the world predict, adapt and respond to tectonic hazards; - how recent and topical geographical hazards have impacted different places around the world.	By the end of this LP I will: - be able to CATEGORISE the two types of hazards and the processes that cause them; - be able to EVALUATE how countries in different parts of the world predict, adapt and respond to tectonic hazards. - be able to SUGGEST how recent geographical hazards have impacted different places.
9 Maths	3 This LP I am learning: - how to solve problems using Pythagoras and trigonometry; - how find the gradient of a straight line; - how to solve distance time problems.	By the end of this LP I will: - be able to use Pythagoras' theorem in 3D; - be able to recognise if straight lines are parallel; - be able to read information from a distance time graph.
9 MFL	3 This LP I am learning: - how to describe a present tense holiday in detail; - how to describe a past tense holiday in detail; - how to use complex opinion phrases and a variety of complex language in my work.	By the end of this LP I will: - be able to confidently use the preterite tense including irregulars; - be able to confidently use the imperfect tense including irregulars; - be able to use superlatives to add complexity to my work.
9 Music	3 This half term I am learning: - how to sing in unison and harmony in time; - how to perform chords on different instruments; - how to lead a group in a rehearsal; - how to perform a syncopated rhythm correctly; - how to perform a piece of music within a band setting; - how to develop the LORIC skills.	By the end of this half term I will: - be able to use LORIC skills and develop these through music; - be able to create a structured piece of music in a band; - be able to lead a group in a performance; - be able to reflect on feedback from peers to improve a performance; - be able to perform and lead with a variation of rhythms; - be able to develop the learning skills for language of ASSESS, DEVELOP, SHARE, APPLY, PRESENT, ANALYSE, ORGANISE and EVALUATE .
9 Pe	3 This half term I am learning: • how to refine the skills of passing, running, tackling and rucking; • how to improve skills within activities and game situations; • how to critically analyse performance of self and others.	By the end of this half term I will: • be able to provide feedback on performance, relating to strengths and areas for improvement; • develop the learning skills of REVISE, DESCRIBE, ARTICULATE, ORGANISE and PLAN.
9 RE	3 This half term I am learning: - how Jews use the Shema; - about the importance of the Mitzvot in Judaism; - how Jews worship	By the end of this half term I will: - be able to DESCRIBE how Jews use the Shema; - be able to EXPLAIN why the Mitzvot are important; - be able to ANALYSE how Jews worship.

9 Science

3 This half term I am learning:

- how to EVALUATE graphical data about lifestyle;
- how evidence contributes to advice about smoking and cancer;
- how to distinguish between pandemics and epidemics.

By the end of this half term I will:

- be able to DESCRIBE the effects shown by graphical data;
- be able to EXPLAIN the differences between pandemics and epidemics;
- be able to develop the learning skills of EXPLAIN, DESCRIBE, OBSERVE, REVISE, ASSESS and EVALUATE.