

Extended Learning Projects (ELPS) – Year 9

Set One – Submission before 23rd October 2026

English Choose two key events from <i>Animal Farm</i> and explain how each one represents a real-life historical event or political idea from the Russian Revolution or its aftermath. Then, write a short modern allegory (200–300 words) using animals or objects to represent a current social or political issue (e.g., climate change, social media influence, inequality). Use Orwell's style to make your message clear but symbolic. OR Write a diary entry (300–400 words) from the point of view of either Ponyboy, Johnny, or Cherry. Choose a moment in the story when the character experiences conflict, transformation, or a moment of reflection (e.g., after the church fire, the drive-in movie scene, or after Johnny's letter).	Art Expressive Drawing Jasper Johns. '0 through 9' drawing of numbers overlapped showing an expressive way of drawing. Find this drawing on the internet and complete your own version using a black biro or pencil	Computing Project Brief You've joined the QPHS Digital Preparedness Team. Your mission is to create a guide that teaches staff and students how to manage files professionally, keep information secure and recover work when things go wrong. Tasks • Create a well-organised Digital Skills folder structure. • Demonstrate how Version History works in OneDrive. • Show how to share files using both View and Edit permissions. • Design a 7-day backup plan. • Research digital footprints and explain the risks of sharing information online. • Include screenshots or diagrams to support your guide. What to Hand In • A digital handbook, guide or video walkthrough. • Evidence of Version History and file-sharing settings. Stretch & Challenge • Explain what happens when a file becomes corrupted and how it can be recovered. • Compare local storage, network storage and cloud storage, discussing the advantages and disadvantages of each.
Maths Listen to A Brief History of Mathematics, a BBC Radio 4 podcast by Marcus du Sautoy Listen to all 10 episodes https://www.bbc.co.uk/programmes/b00srz5b/episodes/downloads	Technology Design a Chair Research 'Piet Mondrian's Chair' Tired of looking at the same old furniture? Design your own piece of cool funky furniture inspired by Mondrian's chair. You can draw; colour even make a maquette of it using card.	Food Technology Create an informative and engaging recipe booklet or leaflet explaining the menu you would like to serve at a new vegetarian restaurant in town. The theme can be one of your own choice – inspired by multicultural food events For each booklet you must include - A clear explanation of what the restaurant would sell and how it meets multicultural needs and preferences of vegetarians. An example of the proposed menu you would serve and how this relates to the Eatwell healthy eating guide. Pick images of your chosen food and if you want to you can also make an accompanying recipe card.



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Science 1. Research the use of catalysts in local industry. You may want to start with the following companies: Essar Energy Transition (Stanlow) and Compact Syngas Solutions (Flintshire). Create an information leaflet or poster outlining what each company does, the catalysts they use (if this is available) and what the catalysts are used for. 2. Investigate the effect of changing surface area on reactions rates. Take pictures of your experiments and write a report of your findings, including explanations of your observations. Method: 1. Place a cube of chocolate/butter on a microwave safe plate. Heat in the microwave at 10 second intervals. Record how long it takes for the chocolate/butter to melt. Repeat with a cube chopped into smaller pieces. 2. Add a vitamin C tablet to water and record how long it takes to fully react. Repeat using a crushed vitamin C tablet. 3. Add a spoon of granulated sugar to warm water and time how long it takes to dissolve. Repeat using a spoon of icing sugar and a cube of sugar. (Disclaimer: please seek parental permission before carrying out any at home experiments). Challenge: research different types of catalytic converters in car engines. Find out their role and their importance.	History Project Brief Become a local historian and investigate how communities remember those who served in war. Visit a war memorial and uncover the stories behind the names engraved on it. Tasks - Visit one of Chester's war memorials: - Chester War Memorial - Grosvenor Park Memorial - Chester Cathedral War Memorial - Sketch the memorial and its key features. - Record names, dates and inscriptions. - Investigate the symbols used, such as poppies, wreaths or statues. - Research the purpose of war memorials and how they help us remember the past. What to Hand In - A page of sketches and observations. - A short report explaining the significance of the memorial. Stretch & Challenge Research one name from the memorial and create a mini biography explaining their connection to the First or Second World War.	PE Evaluate the role of micro and macro nutrients on sports performance. Review what volumes of each are required for different sports and create a comparative piece of writing between two contrasting sport disciplines, explaining why each needs different % and volumes.
MFL Coco Study Booklet This half term Y9 students will have the opportunity to watch the film Coco as part of their enrichment offering. Students will be given a booklet with a wide range of activities relating to the film, including research on Mexican symbology, learning the lyrics to their favourite songs and designing their own calavera and alebrije!	Geography Why is it important that I'm a global citizen? Project Brief The United Nations has set 17 Sustainable Development Goals (SDGs) to help create a fairer, safer and more sustainable future by 2030. Your mission is to become a global development adviser and champion one of these goals. Tasks - Research the 17 Sustainable Development Goals. - Choose one goal that you believe is most important. - Investigate why it matters for people, communities and the environment. - Explain what could happen if this goal is not achieved.	Music Project Brief Become a Hip-Hop Artist by Using BandLab Song Starter to create your own Hip-Hop track. Song Starter can generate ideas, beats, and musical loops that you can edit and develop into your own original piece of music. Tasks Create a free BandLab account: https://www.bandlab.com/ - Click Create (top right). - From the drop-down menu, choose Song Starter.



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	- Develop a realistic action plan showing how a country could work towards achieving the goal by 2030. What to Hand In - An informative poster promoting your chosen SDG. - An action plan outlining steps a country could take to achieve the goal. Stretch & Challenge Evaluate which SDG you think has the greatest impact on the success of all the other goals and justify your choice.	- Select Hip Hop as your genre. - Click Generate to create a track idea. - Choose a track you like and click Edit in Studio. - Add, remove, or change sounds to make the track your own. - Give your finished track a title. What to Hand In - Your completed BandLab project. - An exported audio file. - The title of your track. Stretch and Challenge Experiment with adding your own drums, melodies, effects, or vocals to make the track more unique.
Drama Create a solo performance (2–3 minutes) from the perspective of someone experiencing the immediate aftermath of a natural disaster (e.g. earthquake, flood, wildfire). Use voice, movement, and emotion to explore their thoughts, fears, and resilience. Present your piece live or recorded, with a brief written reflection (150 words max) explaining how you portrayed the character's experience. Please share your work with your drama teacher.		

Set Two – Submission before 18th December 2026

English Either (<i>Animal Farm</i>) Write a 300-500 word “secret history” of <i>Animal Farm</i> told from the perspective of an unexpected observer (a neighbouring farm animal, or a passing wild creature). Let your narrator reveal hidden moments they witnessed that never made it into the pigs’ official records. Present your story in any imaginative format you choose—an illustrated field report, a transcript of a whispered confession, a recovered artefact (e.g. one of Squealer’s scripts!), or even an intercepted propaganda broadcast. Or (<i>The Outsiders</i>) Imagine a moment when two characters from different sides of town cross paths years after the events of the novel—long enough for them to have changed, grown, or stayed exactly the same. Write a short script that captures their voices as they reflect on loyalty, identity, and their memories.	Art Recyclable Sculpture Click on the RA website ‘How to make a recyclable sculpture’ https://www.royalacademy.org.uk/article/family-how-to-make-recycled-sculpture-art-kids-phyllida-barlow-sustainable Watch the video, collect junk found in your home create your own sculpture!	Computing Project Brief Imagine you're a Junior Internet Engineer. Your job is to explain how information travels across the internet every time someone visits a website, sends a message or streams a video. Tasks - Create a diagram showing the journey of data: - Device - Router - Internet - Server - Return journey - Explain:
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		○ IP addresses ○ Data packets ○ Protocols • Research a real example of a network failure and explain its impact on users. • Use clear examples and diagrams to support your explanation. What to Hand In • A labelled network diagram. • A written explanation of how data travels across a network. Stretch & Challenge Explain how DNS works and why it can be compared to a phone book for websites.
Maths Research the life and work of Alan Turing. Watch ‘The Imitation Game’ and read the book of the same name, about his involvement in code breaking of Enigma Create a poster/book review or written response to what you have learned.	Technology What is meant by sustainable design? What are the 5 R’s? Using one or more of the 5 R’s redesign an existing product to make it more environmentally friendly. Add colour and annotations to your designs.	WPD (RE) “Sikh Festivals” (Year 9 RE) Choose one Sikh festival (e.g. Vaisakhi, Diwali, or Guru Nanak Gurburab) and research its meaning, history, and how it’s celebrated today. Present your findings creatively — as a poster, video, model, or digital presentation. Finish with a short reflection: <i>What does this festival show about Sikh faith and community?</i>
Science 1. Choose a modern day species of your choice. Create a poster of the timeline of its evolution, including evolutionary ancestors, when each new ancestral species evolved, where each ancestral species was located in the world and fossil evidence to support the evolutionary timeline. Challenge yourself to go as far back in time as you can. 2. Go on a biodiversity walk. Take pictures of the different species along the way and identify which species you have seen. Observe what factors may be affecting biodiversity along your walk, both positively and negatively. Create a report on your findings including the images you have taken and the information you have collected. Challenge: find a diagram of a food web of your choice. Choose one of the species in the food web. Explain in as much detail as possible what will happen to the other species in the food web if the species you have chosen disappears.	History Project Brief It's 1916 and you are a soldier on the Western Front. Through a diary entry, bring to life the realities of trench warfare and the experiences of those who fought in World War One. Tasks • Research conditions in the trenches. • Investigate: ○ Food and supplies ○ Living conditions ○ Weapons and warfare ○ Friendships between soldiers • Write a diary entry describing a typical day. • Include thoughts, emotions and personal experiences. What to Hand In • A detailed diary entry written from the perspective of a WWI soldier. Stretch & Challenge	PE Research injury rates in sport and produce a comparative piece of data that shows the different ranges of injuries and their frequency in different sports. Then write a report explaining why different sports are more susceptible to injury and why.



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	Include accurate historical references to major battles, trench conditions or military technology and explain how they affected soldiers.	
MFL "All About Me" Magazine Feature Create a one-page magazine article introducing yourself to a new exchange partner. Your feature should include: • A creative title and front-page design. • A short profile about yourself (name, age, personality and interests). • Information about your family or friends. • What you enjoy doing in your free time. • 8–10 sentences in French/Spanish using a variety of opinions and reasons. Include at least one photo, drawing or collage to illustrate your personality and interests.	Geography Why is it important that I'm a global citizen? Project Brief Imagine you have travelled to another planet and have been asked to explain what it means to be a global citizen. Your audience wants to know how people on Earth work together to solve some of the world's biggest challenges. Tasks • Research the term "global citizen." • Explain how countries cooperate to tackle global issues. • Explore two real examples of international cooperation, such as climate change action, poverty reduction or reducing inequality. • Select one global issue that needs solving. • Develop your own solution and explain how it could make a positive difference. What to Hand In • A speech explaining what global citizenship means. • A poster or leaflet promoting your solution to a global challenge. Stretch & Challenge Consider the possible drawbacks of your solution and explain how they could be overcome.	Music Project Brief Rock 'n' Roll – Who Was Rosetta Tharpe? Sister Rosetta Tharpe was a pioneering singer, songwriter, and guitarist whose music helped shape the development of Rock 'n' Roll. Listen to the podcast below to learn more about her life and musical influence. Tasks • Listen to Rosetta Tharpe Podcast and make notes about Rosetta Tharpe. ○ Find out how her music influenced Rock 'n' Roll artists. ○ Research some of her famous songs and performances. ○ Consider whether she deserves the title "Queen of Rock 'n' Roll." ○ Gather evidence to support your opinion. What to Hand In • A short paragraph explaining who Rosetta Tharpe was. • Notes on her contributions to Rock 'n' Roll. • Examples of songs or performances you listened to. • A paragraph answering the question: Do you think Rosetta Tharpe should be called the Queen of Rock 'n' Roll? Why or why not? Stretch and Challenge Research a Rock 'n' Roll artist who was influenced by Rosetta Tharpe. Explain how her style of singing, guitar playing, or performance helped shape their music.
Drama Pantomime I want you to create a PPT presentation which includes the following information. Break your presentation down into 3 areas using the subheadings below. History of Pantomime What are the origins of Pantomime (how did it begin)? In which era did Pantomime first become popular in the UK? Find examples of old pantomime posters that were used to advertise past productions		



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Traditions of Pantomime Include information we already know in this part of your presentation, such as: Time of year pantomimes are performed The type of story performances are usually based on Characters we expect to see Examples of humour/comedy Description of costumes The audience's role during performances Additional Information Which celebrities have taken on famous Pantomime roles? Which pantomimes have been performed at Storyhouse since it opened? What type of pantomime is performed annually at Theatre Clwyd in Mold? Please share your PPT with your drama teacher via email or Synergy.		
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Set Three – Submission before 12th February 2027

English Research one of the following poets and their work: Nikita Gill, Steven Camden (aka Polarbear), Sarah Kay, Raymond Antrobus. Choose one poem of theirs and write a personal response to it: • What is its message? • Which lines do you think are the most interesting, and why? • Based on your research, why do you think the writer chose to write about this topic? Challenge: Write your own poem 'responding' to the one you have read, echoing its ideas and sharing your own feelings on the topic.	Art The Corpse Bride Research or even watch Tim Burton's 'Corpse Bride'. Design your own character/s using pen, ink or even a 3D model with papier-mâché.	Computing Project Brief A gaming company called StoryTech wants to create an interactive adventure where every decision changes the story. Your task is to design the logic behind the game. Tasks • Create between three and five different locations. • Write a story introduction (50–100 words). • Include at least three choices that lead to different outcomes. • Design a decision tree or flowchart showing the player pathways. • Include multiple endings such as: ○ Success ○ Failure ○ Neutral outcome What to Hand In • Your story opening. • A branching narrative map or flowchart. Stretch & Challenge
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		• Create a hidden ending that is difficult to unlock. • Add inventory logic, such as: ○ If the player has an item, they can access a special route.
Maths Hidden Figures , by Margot Lee Shetterly The story of the African-American Mathematicians of NASA who helped America win the Space Race. Read the book/ watch the film and write a review.	Technology Tote Bag Research the Tote bag, find out what it is and how it is made. Pick one of these design themes: Floral, Patterned, Mechanical, Abstract or a theme of your own choice. Design your own on paper and try to make your own bag.	WPD (RE) Create a creative piece exploring an ethical issue of your choice—such as equality, animal rights, or justice. Present it as a short story, comic, artwork, or video. Explain the ethical dilemma, different viewpoints, and your own reasoned conclusion. Show how moral reasoning shapes real-life choices.
Science 1. Research the types of electromagnetic waves, their properties, every day uses and the dangers of them. Create a poster using the information you find. 2. NASA has used a range of different robots to find out more information about the planets in the solar system. Research how these different robots have been used and their discoveries. Design a new space robot that can collect rock samples from another planet. Challenge: research why life can be sustained on Earth but not on other planets in the solar system and if there are any other planets in other solar systems that could sustain life.	History Project Brief Imagine the Suffragettes had access to Instagram, TikTok and X! How would they campaign for women's voting rights in the digital age? Tasks • Research the Suffragette movement. • Investigate key events such as: ○ Suffrage marches ○ Hunger strikes ○ Acts of protest • Design a social media campaign promoting votes for women. • Create posts, hashtags, slogans and images. • Consider how campaigners would persuade people to support their cause. What to Hand In • A social media campaign portfolio. • Examples of posts, captions and hashtags. Stretch & Challenge Create a one-minute TikTok-style video or news report re-enacting a Suffragette protest as if it were happening today.	PE Analyse a sporting movement (i.e. golf swing, kick in football, cartwheel) and explain which major bones are being used, what category they fall in, what joints are being used, what their function is and what range movement is occurring. You can use images and diagrams to support your explanation.
MFL Design Your Future Create a poster or infographic about your future career. Include:	Geography Middle East Project Brief	Music Project Brief



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• Your dream job. • Why it interests you. • The skills or qualities needed. • Where you would like to work. • What you hope to do in the future. Write 8–10 sentences in French/Spanish and decorate your work with images, drawings or symbols linked to your chosen career.	You are a journalist preparing a special feature on the Middle East. Your task is to investigate different countries in the region and report on a significant natural hazard event. Tasks • Research four Middle Eastern countries. • Create a fact file for each country including: ○ Geography ○ Culture ○ Language ○ One current event • Research a natural hazard that has occurred in the Middle East. • Investigate: ○ Causes ○ Impacts ○ Responses • Write a news report about the event. What to Hand In • Four country fact files. • A newspaper-style news report about the natural hazard. Stretch & Challenge Compare how the hazard might have affected countries with different levels of wealth and development.	Create a "Chill Playlist" containing 10 tracks that are suitable for relaxation, studying, or unwinding. Explore a variety of musical styles and aim to include music from different genres such as Jazz, Classical, R&B, Pop, and Folk. Think carefully about why each track belongs in a chill playlist and how it contributes to the overall mood. Tasks • Research and listen to music from a range of genres. • Select 10 tracks for your chill playlist. • Include a mixture of genres, such as: ○ Jazz ○ Classical ○ R&B ○ Pop ○ Folk • Organise your tracks into a playlist. What to Hand In • A playlist of 10 tracks. • The genre of each track. • A short reason for choosing each song. • A brief paragraph explaining the overall mood of your playlist. Stretch and Challenge Create a playlist that takes the listener on a journey, starting with more energetic tracks and gradually becoming calmer and more relaxing. Challenge: Design a playlist cover and write a short description explaining who the playlist is for and when it would be best listened to.
Drama The National Theatre is an incredible institution creating some of the most innovative pieces of theatre with some of the world's biggest actors. But where is it? What sort of work does it produce? Do you know any of its productions? Create a portfolio (digital or hard copy) exploring what The National Theatre is and explore how it contributes to modern culture. Please share your work with your drama teacher in person or via email/Synergy.		

Set Four – Submission before 26th March 2027



Year 9

English We are studying non-fiction writing currently. Choose a topic of interest to you (this could be about sports, culture, politics, or world events). Find two news articles that deal with this topic and consider how the writers have communicated their ideas – are they more factual, or more opinion-based? Then write your own <i>opinion-based</i> article about the topic. You should: - Clearly state your opinion on the issue - Include relevant facts / statistics - Use persuasive techniques to convince your reader to agree with your views!	Art Who's that Character? The art movement DADA created wild and wonderful characters. Raoul Haussman used collage from magazines and newspapers. Create your own DADA inspired character. Add a few words to it too, to add more zooooomph.....	Computing Project Brief You are now working for NextGen Studios. Rather than designing graphics, your job is to create the systems that make a game fun, balanced and rewarding. Tasks - Create a game economy using: - Coins - Points - Rewards - Upgrades - Design difficulty progression across three levels. - Create a flowchart showing the route through Level 1. - Define clear winning and losing conditions. - Explain how your design keeps players engaged. What to Hand In - A game systems design document. - A logic flowchart for gameplay progression. Stretch & Challenge Design a boss battle or special event system and explain how it fits into the game.
Maths Can you take the square root of a negative number? Learn about IMAGINARY numbers here... https://www.khanacademy.org/math/algebra2/x2ec2f6f830c9fb89:complex/x2ec2f6f830c9fb89:complex-num/v/complex-number-intro	Technology Visit a local farm/farmers market. Pick a common ingredient and write a report on its sustainability. Explain how this helps the environment and the community. Present this to the class.	WPD (RE) Research one real-life moral issue (e.g. AI, animal testing, war or the environment) and apply two different ethical theories (utilitarianism and natural law) to it. For each theory, explain what decision it would support and why. Present your work as a short report or slideshow. Finish with your own justified opinion on which ethical approach you agree with most.
Science 1. Research how stem cells are being used in medicine today. Create an information leaflet outlining their uses, benefits and risks. Include future potential uses of stem cells in medicine. 2. Create story board of the digestive system. This could be images you draw of each stage or photos of a model you have made. Explain what happens at each part of the digestive system. Challenge: research other uses of enzymes outside of the digestive system.	History Project Brief World War II did not begin overnight. Become a historical investigator and uncover the chain of events that led to the outbreak of war in 1939. Tasks - Research the key causes of World War II, including: - The Treaty of Versailles	PE Maintain a 7-day lifestyle diary with detailed metrics on: screen time, bedtimes, number of hours sleep (including deep sleep if possible), number of minutes exercise, stress, meals. Compare findings with recommended health guidelines and write an evaluative report on the impact of your lifestyle choices on your long-term health. Reference research to explain what the impacts might be and then provide some recommendations for yourself on how you could improve any of your metrics.



	○ The rise of Hitler ○ The failure of the League of Nations ○ Appeasement • Explain how each factor contributed to growing tensions. • Show how events connected together over time. • Present your findings in a creative and engaging format. What to Hand In Choose one: • A comic strip • An animated video • A storyboard Stretch & Challenge Rank the causes from most important to least important and justify your decisions using evidence.	
MFL Year 9 French & Spanish – International Recipe Book Students complete a recipe book featuring traditional dishes from Spanish-speaking and French-speaking countries. Each recipe includes ingredients, simple instructions and cultural facts, helping to reinforce vocabulary linked to food and drink.	Geography Africa Project Brief Urbanisation can create opportunities, but it can also lead to major challenges. You have been asked to advise a local government on how to improve life in one of Africa's most well-known slums. Tasks • Locate four famous slums in Africa. • Find and record three key facts or statistics about each. • Choose one slum to investigate in detail. • Identify: ○ Social challenges ○ Economic challenges ○ Environmental challenges • Create a realistic improvement plan to help residents. • Imagine you are a child living in the slum and write a diary entry about daily life.	Music Project Brief Write a Song. Many songwriters use their own experiences, emotions, and relationships as inspiration for their music. For this task, you will write your own song based on a real experience from your life. It could be about a memorable event, a friendship, a challenge you have faced, a special place, or a happy moment. Tasks Think of an experience from your own life. • Make notes about how you felt during that experience. • Write song lyrics inspired by those thoughts and emotions. • Include verses and a chorus. • Give your song a title. • Read through your lyrics and make any improvements. What to Hand In • The title of your song and song lyrics. • A short explanation of the experience that inspired the song. • A sentence describing the mood or message of your song.



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	What to Hand In • Research on four slums. • A management and improvement plan. • A diary extract written from a resident's perspective. Stretch & Challenge Evaluate which challenge is the most difficult to solve and explain why.	Stretch and Challenge Add chords, a melody, or a simple accompaniment and perform or record your song. Explain how the music supports the meaning of the lyrics
Drama Imagine you are Carol, one of the students from Our Day Out, now aged 25. Write a thank you letter to Mrs Kay, reflecting on the school trip she organised all those years ago. In your letter, you should: • Thank Mrs Kay for the impact the trip had on your life. • Reflect on how the experience changed your view of the world and your future. • Explain how it motivated you to lead a happy, healthy, and productive life. • Mention how the trip inspired your dream to one day “buy one of those nice houses by the sea.” Please share your work with your drama teacher as a hard copy (in person at school) or an electronic version via email or Synergy.		

Set Five – Submission before 28th May 2027

English Create a Crime Investigation File – to last HT5 and HT6 Imagine Macbeth's story is a modern police investigation. Create an investigation file including: • A "Most Wanted" profile for Macbeth or Lady Macbeth. • A timeline of the key events leading to Duncan's murder. • Witness statements from at least three characters. • A page of "evidence" (drawings, quotations or labelled clues). • Your final verdict: guilty or not guilty? Present your work as though it were part of a detective's case file. Challenge: Write a newspaper front page reporting Duncan's murder, using formal journalistic language and quotations from "witnesses".	Art The Reflected Portrait Using your mobile phones find reflected surfaces such as windows, mirrors, kettles, spoons, polished cars and take a series of self-portraits. How does the reflection change your face. Can you recognise it's you?	Computing Project Brief The school wants to better understand student habits and interests. As a Data Investigator, you will collect, organise and analyse data to uncover interesting trends. Tasks • Choose an investigation topic such as: ○ Screen time ○ Revision habits ○ Fitness ○ Sleep
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		○ Reading ○ Music • Collect 10–20 pieces of data. • Organise the information into a spreadsheet or simple database. • Use at least one formula. • Create two charts to display your findings. • Analyse the patterns and trends you discover. What to Hand In • Completed spreadsheet or database. • Two charts. • A short written conclusion explaining your findings. Stretch & Challenge • Use an additional formula. • Compare two groups (e.g. weekdays vs weekends) and identify differences.
Maths Research Archimedes Find out about his contributions to the world of Mathematics. Use this timeline to see how mathematicians “Stand on the Shoulders of Giants” https://mathigon.org/timeline/	Technology How much for a hairdryer? James Dyson started with a problem. The bulky hairdryer. The Dyson Supersonic™ hair dryer – Engineering story Click on the link and research the science and engineering behind the Dyson hairdryer. Include images and written notes/ideas about what you find.	WPD (RE) Create an illustrated timeline introducing Islam. Explain who the Prophet Muhammad was and where Islam began. Describe the Five Pillars of Islam with a brief sentence on each. Give one example of how a Muslim might show their faith in daily life.
Science 1. Research the specific heat capacity of water, why water heats up and cools down slowly and how this affects oceans, climate and weather. Use this information to create an infographic or leaflet on how water controls the Earth's temperatures. 2. Investigate the different densities of liquids by layering liquids in a glass. Challenge yourself to see how many different liquids can you layer without them mixing. Start by using water, oil and syrup. How many more can you add? Take a picture of your final result and order the liquids you have used by their densities. (Disclaimer: please seek parental permission before carrying out any at home experiments). Challenge: research why solid water is less dense than liquid water	History Project Brief Step into the boots of a World War II soldier and write home about your experiences. Share the realities of war through the eyes of somebody living through it. Tasks • Research the experiences of soldiers during World War II. • Choose a setting: ○ Training camp ○ Front line ○ Major battle • Write a letter to family members describing: ○ Daily life ○ Challenges faced	PE Warm-ups are important because they gradually raise your heart rate, warm the muscles, improve joint mobility, and reduce the risk of injury. They also help you focus before exercise. Research 4–6 suitable movements for a Year 9 PE lesson, such as jogging, high knees, arm circles, lunges, or dynamic stretches. Then design your own short warm-up routine and explain how each movement prepares the body for physical activity.



	○ Thoughts and emotions ○ Hopes for the future • Use historically accurate details. What to Hand In • A letter home written from the perspective of a WWII soldier. Stretch & Challenge Base your letter on a real soldier's experiences and explain how your research influenced your writing.	
MFL Create a Campaign Poster Choose an issue that matters to young people (for example: protecting the environment, healthy lifestyles, equality, technology or volunteering). Your poster should include: • A catchy slogan in French/Spanish. • Pictures or illustrations. • Facts or key vocabulary related to your chosen topic. • 8–10 sentences explaining why the issue is important and what young people can do to help.	Geography Do the people of the UK work hard and play hard? Project Brief Should Heathrow Airport expand? This controversial issue has divided politicians, businesses, environmental groups and local communities. Your task is to investigate both sides of the debate and propose a sustainable solution. Tasks • Research the proposed Heathrow Airport expansion. • Identify the economic benefits. • Investigate the environmental impacts. • Explore how local communities may be affected. • Present both sides of the argument fairly. • Write as an environmental campaigner suggesting a sustainable alternative. What to Hand In • A leaflet or poster summarising the debate. • A persuasive letter to the government recommending a sustainable solution. Stretch & Challenge Rank the economic, social and environmental impacts in order of importance and justify your decisions with evidence.	Music Project Brief Inspired by Britpop music, create and record an original 32-bar Britpop track using BandLab. Focus on catchy melodies, simple song structures, and lyrics that reflect everyday life and local experiences. Tasks • Listen to examples of Britpop music by: The Verve, Supergrass, Oasis & Blur • Open BandLab and create a new project. • Compose a simple repeating riff on guitar or keyboard that hooks the listener. • Program a basic drum beat using: ○ A four-on-the-floor pattern • Write: one verse and one chorus Your lyrics should be about a local place, such as your school, a local park, or your high street. • Record your vocals using your natural regional accent rather than copying an American pop style. What to Hand In • Your completed 32-bar BandLab project. Stretch and Challenge Add an instrumental section or guitar solo to your track and explain how it helps create an authentic Britpop sound



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Drama Silent Movies Research the history of silent film. Create a comparison list which offers at least 5 similarities, and 5 differences in terms of how films are made and received by audiences. You could also watch the Oscar winning film 'The Artist' which is a great example of the silent movie era. Please share your work with your drama teacher as a hard copy (in person at school) or an electronic version via email or Synergy.		
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Set Six – Submission before 28th May 2027

Year 9

English Create a Crime Investigation File Imagine Macbeth's story is a modern police investigation. Create an investigation file including: • A "Most Wanted" profile for Macbeth or Lady Macbeth. • A timeline of the key events leading to Duncan's murder. • Witness statements from at least three characters. • A page of "evidence" (drawings, quotations or labelled clues). • Your final verdict: guilty or not guilty? Present your work as though it were part of a detective's case file. Challenge: Write a newspaper front page reporting Duncan's murder, using formal journalistic language and quotations from "witnesses".	Art Portrait mash up.... Find different pictures of people's faces in newspapers, magazines, printed off the internet. Cut up, rearrange, create a police ID mug shot. No rules, just craziness!!!	Computing Project Brief QPIX Studio is preparing for a major creative exhibition and needs a striking digital image to promote it. Your challenge is to design a professional-quality digital composition that communicates a powerful message. Tasks • Choose a theme such as: ○ Future Technology ○ School Spirit ○ Environmental Action ○ Wellbeing ○ Identity • Collect 3–6 copyright-free images. • Create a digital composition using multiple layers. • Apply at least three editing techniques, such as: ○ Cropping ○ Filters ○ Colour adjustments ○ Transparency ○ Background removal ○ Text and graphics • Export your image in a high-quality format. • Write a short explanation of your design choices. What to Hand In
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		• Final digital image (JPG or PNG). • Screenshot showing your editing layers or workspace. • Short written explanation of your theme and techniques used. Stretch & Challenge Create a full promotional campaign by designing a matching social media advert or exhibition banner using the same visual style.
Maths Create a revision video suitable for Key Stage 3 students on a topic of your choice.	Technology Alessi Design Movement Alessi believe in '<i>form over function</i>' what do you think this means? Research the Alessi group and the products they design. Using these products as inspiration design your own range of products inspired by Alessi. Add colour and annotations to your designs.	WPD (RE) Create a pilgrim's diary entry describing your experience of Hajj. Write in the first person, as if you are a Muslim completing the pilgrimage. Include reflections on how you feel at each stage and what the journey means to you. You may add simple drawings, labelled symbols, or small pictures to illustrate key moments. Your diary should describe: • What Hajj is and why it is important • Entering Ihram • Tawaf around the Kaaba • Sa'i between Safa and Marwah • Standing at Arafat • The rites at Mina
Science 1. Research uses of chromatography in industry e.g. drug, food and forensic testing. Create a poster of the different industries that use chromatography. Challenge yourself to find the most strange or unique industrial use. 2. Choose 20 objects around your house and find out the main elements that make up those items. Create a table of your findings, including the name of the object, a picture of the object, the type of materials that the object is made from and the main elements that make up the material. Challenge: research and answer the following question: "<i>If atoms are mostly empty space, why can you not walk through a wall?</i>"	History Project Brief The Cold War was a battle of ideas as much as a battle of power. Your mission is to become a government propaganda designer during the Cold War. Tasks • Research the Cold War rivalry between the USA and the Soviet Union. • Investigate how propaganda was used to influence people. • Choose either: ○ The United States ○ The Soviet Union • Design a propaganda poster using authentic colours, symbols and slogans. • Explain the message your poster is trying to communicate. What to Hand In	PE Research a well-known athlete from any sport. Look at the types of skills they use, how they train, and what makes them successful. Write a short paragraph explaining what you found out about them. Using the athlete you researched as inspiration, design your own set of PE drills. These could be for fitness, coordination, balance, agility, or sport-specific skills. Add colour and annotations to your designs to show how each drill works and what part of the body or skill it improves.



	• A Cold War propaganda poster. • A short written explanation of its purpose and audience. Stretch & Challenge Write and record a Cold War-era radio broadcast promoting your message. Include persuasive language, sound effects and period-specific references.	
MFL Plan the Perfect Trip Imagine you are organising a trip to a French- or Spanish-speaking country. Create a travel guide or itinerary including: • Your destination. • How you will travel. • Where you will stay. • Three activities you plan to do. • What you will eat or visit. • A simple daily itinerary. Write 8–10 sentences in French/Spanish describing your plans and include maps, tickets, photos or drawings to make your guide attractive.	Geography Conflict Project Brief Conflict has shaped many countries throughout history and continues to affect millions of people today. Your challenge is to investigate a conflict and explore how peace could be achieved. Tasks • Choose a historical or current conflict from anywhere in the world. • Research the key causes of the conflict. • Create a timeline of important events. • Investigate the impacts on people and places. • Explore one possible peaceful resolution or strategy that could reduce the conflict. What to Hand In • A conflict fact file or presentation. • A timeline of major events. • An explanation of a possible peacebuilding solution. Stretch & Challenge Assess whether your proposed solution would be realistic in the real world and identify any barriers to success.	Music Project Brief Technical Audit. Choose an artist or band that you admire and investigate what makes their sound unique. You will analyse their musical style, identify their signature features, and research the instruments or software they use to create their music. Tasks • Select an artist or band you enjoy listening to. • Research their music and listen to several tracks. • Analyse their sound by answering the following questions: ○ Genre Blending: Do they stay within one genre or combine different styles? ○ Signature Sound: Identify three musical trademarks that make them instantly recognisable. ○ The Gear: Research the instruments, synthesizers, microphones, software, or plugins they use. Use the Equipboard database to help identify specific equipment used by the artist What to Hand In • The name of your chosen artist or band. • A summary of their musical style and genre(s). • Three signature characteristics of their sound. • Examples of instruments, equipment, or software they use. • A short conclusion explaining what makes their music unique. Stretch and Challenge Compare your chosen artist with another artist from a similar genre. Identify similarities and differences in their sound, production style, and choice of equipment
Drama		



Project Brief

You have been studying *Teechers* by John Godber, one of the most popular and widely performed plays in British theatre. Your challenge is to become a *Teechers expert* by researching the play, its creator and why it continues to be performed nearly 40 years after it was first written.

Present your findings in a creative and engaging PowerPoint presentation. Think about how to make your slides visually appealing, easy to read and interesting for your audience.

Tasks

Create a PowerPoint presentation that includes the following research:

1. John Godber

- Find out who John Godber is.
- What job did he do before becoming a playwright?
- Name at least **two other plays** he has written.

2. Key Characters

- Find the names of at least **five characters** from *Teechers* who are **not** Salty, Gail or Hobby.
- Briefly describe who they are.

3. Plot Summary

- Explain what happens throughout the play.
- Include the key events in the correct order.

4. Performance Style

- Research the style of performance used in *Teechers*.
- Explain how actors perform multiple roles and how this affects the audience.



5. Themes and Issues • Identify the main themes and issues explored in the play. • Explain why these themes are important. 6. Relevance Today • Why is <i>Teechers</i> still popular with audiences today despite being written nearly 40 years ago? • Give evidence to support your ideas. 7. Audience Reactions • Read online theatre reviews. • Summarise how different audiences and critics have responded to the play over the years.		
What to Hand In Please share your completed PowerPoint with your Drama teacher by: • Handing in a printed copy at school, or • Sending an electronic copy via email or Synergy. Make sure your presentation: • Has a title slide • Uses images where appropriate • Includes clear headings • Is presented neatly and accurately • Shows evidence of research		
Stretch and Challenge ★ Research the social and educational issues facing schools in Britain during the 1980s and explain how these influenced <i>Teechers</i>.		



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- ★ Compare *Teechers* with a modern school-based TV programme, film or play. What similarities and differences can you identify?
- ★ Include direct quotes from professional theatre reviews and explain whether you agree with the reviewers' opinions.
- ★ Add a final slide giving your own personal review of *Teechers* and whether you think modern audiences can still relate to its message.

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