Year 9

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|  | **Autumn** | | **Spring** | | **Summer** | |
| Subject | **1st Half Term** | **2nd Half Term** | **1st Half Term** | **2nd Half Term** | **1st Half Term** | **2nd Half Term** |
| English | Short Stories  How can our encounters with short stories help shape our own writing? | Non-Fiction Sports Writing  How can equality be achieved? | Of Mice and Men  How is discrimination presented in this text? How can we challenge this? | Of Mice and Men  How is discrimination presented in this text? How can we challenge this? | Conflict Poetry Introduction  How is imagery used to create meaning? | Macbeth  How is the supernatural presented to have an impact on the audience? |
| Reading | NGRT  Reading a Century  Can you challenge yourself to read 100 pages? How many times can you do this before October half term? | Challenging Authors  Which author are you going to challenge yourself with this half term? | Book Project  Can you produce an outstanding book project and present to your class before February half term? | Non-Fiction Challenge  Which exciting non-fiction texts will you devour this half term? | Classics Challenge  Can you tell your teacher about a classic book you have read this half term and if you think it deserves that status? | Class Challenge  Can your class rise to the challenge? Look in the library to see how the competition are doing! |
| Maths | Straight line graphs; forming and solving equations; Testing congruence | Three-dimensional shapes; Constructions and congruency | Numbers; Using percentages; Maths and money | Deduction; Rotation and translation; Pythagoras’ Theorem | Enlargement and similarity; Solving ration and proportion problems; Rates | Probability; Algebraic representation; Start KS4 |
| Science | Biology: Cell biology  What are the similarities and differences between eukaryotes and prokaryotes? How can cells be specialised for their function? What are the stages of mitosis and where would we see this in the human body? What are the ethical considerations of using stem cells? What is diffusion, osmosis and active transport? | Biology:  Organisation  What are the levels of organisation in living organisms? What role do enzymes play in human digestion? What are the main structures of the heart and blood vessels? What effect does lifestyle have on some non-communicable diseases? How do plant tissues differ from human tissues? | Chemistry: Atomic Structure and the Periodic Table  How as the evolution of the atom lead to different chemical properties and the evolution of the periodic table? | Chemistry: Bonding Structure and Properties  How do the three types of bonding lead to all matter having specific useful properties? | Physics: Energy  How can energy within a system be changed? How can different stores of energy be calculated? How can we reduce energy dissipation? How are national and global energy resources used and what issues are there with this? | Physics: Particle Model of Matter  How can density be calculated and measured for regular solids, irregular solids and liquids? How are atoms in the different states of matter arranged? How can the particle model of matter be used to investigate pressure in a gas? |
| Computer Science | Computational Thinking    What is computational thinking? What are the four cornerstones of computational thinking? How can you think computationally? | Advanced Python Programming    How do you create and use lists/tuples? How can you use dictionaries, for loops and while loops? | Data Representation: Text and Images    How do computers represent text and images? | Boolean Logic    What is Boolean logic? How is Boolean logic used in programming? | Networks    What is a network? What are the benefits of a network? What problems can occur with a network? What are the main types of networks? | Computer Crime and Cyber Security    What is Cybercrime and how can it be prevented? |
| History | The First World War    What was the impact, course and impact of The First World War? | The inter-war period    Why was Adolf Hitler elected as leader of Germany? | The inter-war period    Why was Adolf Hitler elected as leader of Germany? | The Second World  War    What was life like in  Britain during World War Two? | The Second World  War    What were the key turning points of the  Second World War? | The Cold War    How has the nature of warfare changed since 1945? |
| Geography | Weird world  *Where are the most intriguing places on our planet?*  An investigation into some of the more unusual places on our planet, including dark tourism and rapidly developing countries. | Tropical rainforests  *Why are rainforests of global importance?*  A detailed physical and human study of this important biome. | Japan  *Is Japan a model for the future?* Investigating Japan in terms of physical and human geography. Comparing to Y8 study of East Africa. | Our local geography  *How do physical processes form our local geography?*  Developing knowledge learned in Y7 and 8 to investigate the geographical features of our area.  (Includes fieldwork) | Sustainable futures  *How can resource consumption become more sustainable?*  Studying how resources impact on human development and investigating the future of resource management and sustainability. | Sustainable futures  *How can resource consumption become more sustainable?*  Studying how resources impact on human development and investigating the future of resource management and sustainability. |
| French | Jobs and future plans  Qu’est-ce que tu vas faire dans le futur?  What are you going to do in the future? | Food and drink  Qu’est-ce que tu aimes manger?  What do you like to eat? | Health  Qu’est-ce qu’il faut faire pour rester en forme?  What should you do to stay in shape? | My town  C’est comment, ta région?  What’s your region like? | Weather and the environment  Comment est-ce qu’on peut sauver l’environnement?  How can we save the environment? | Weather and the environment  Comment est-ce qu’on peut sauver l’environnement?  How can we save the environment? |
| German | Drakula  Wer? Wie? Was? Wo? Wann? Warum? (Who? What? Where? When? Why? How?)  Language (Themes / Topics / Vocab):   * Die Geschichte von Dracula - The story of Dracula * Dracula Vokabeln – words connected to the Dracula story (nouns / adjectives / verbs) * Asking questions – Interview mit einem Vampir! * Meinungen - Likes / Dislikes and Opinions * Meinungen – Giving reasons for opinions | Drakula  Wer? Wie? Was? Wo? Wann? Warum? (Who? What? Where? When? Why? How?)  Language (Themes / Topics / Vocab):   * Die Geschichte von Dracula - The story of Dracula * Dracula Vokabeln – words connected to the Dracula story (nouns / adjectives / verbs) * Asking questions – Interview mit einem Vampir! * Meinungen - Likes / Dislikes and Opinions * Meinungen – Giving reasons for opinions | Deutschland damals  Was lernen wir aus der Geschichte? (What can we learn from History?)  Language (Themes / Topics / Vocab):   * Wie kam Hitler an die Macht? (Why did Hitler gain power in Germany?) * Warum wurden die Juden verfolgt? Was ist ein “Sündenbock”? (Why were the Jews persecuted? What is a scapegoat?) * Wie war das Leben in Nazi Deutschland? (What was life like in Nazi Germany?)   Was hat Deutschland aus der Nazi Zeit gelernt? Wie ist es in Deutschland heute? (What lessons has Germany learned from the time of the Nazis? What is Germany like today?) | Deutschland damals  Was lernen wir aus der Geschichte? (What can we learn from History?)  Language (Themes / Topics / Vocab):   * Wie kam Hitler an die Macht? (Why did Hitler gain power in Germany?) * Warum wurden die Juden verfolgt? Was ist ein “Sündenbock”? (Why were the Jews persecuted? What is a scapegoat?) * Wie war das Leben in Nazi Deutschland? (What was life like in Nazi Germany?) * Was hat Deutschland aus der Nazi Zeit gelernt? Wie ist es in Deutschland heute? (What lessons has Germany learned from the time of the Nazis? What is Germany like today?) | Österreich  Was würdest du machen? (What would you do?)  Language (Themes / Topics / Vocab):   * Austria: geography / food and drink / leisure / sporting activities / the environment / music and films / tourism * Saying what you can / would like to / want to / will / would do on a visit to Austria. * Writing and talking about what you did on a visit to Austria.   Giving opinions (about Austria) and reasons for them | Österreich  Was würdest du machen? (What would you do?)  Language (Themes / Topics / Vocab):   * Austria: geography / food and drink / leisure / sporting activities / the environment / music and films / tourism * Saying what you can / would like to / want to / will / would do on a visit to Austria. * Writing and talking about what you did on a visit to Austria.   Giving opinions (about Austria) and reasons for them |

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| P.E. | Outwitting opponents & Health & Fitness (XC). Developing and implementing game plans to outwit. Understand game rules and tactics such as defence and attack.  Are you able to analyse performance in invasion games? | Outwitting opponents & Health & Fitness (XC). Developing and implementing game plans to outwit. Understand game rules and tactics such as defence and attack.  Do you understand the importance of a healthy and active lifestyle? | Health & Fitness  Net and wall  Dance; Analyse performance; evaluate own and peers performance, self asses. Table Tennis; replicate skills and game play.  Explain the short and long term effects of exercise? | Health & Fitness  Net and wall  Dance; Analyse performance; evaluate own and peers performance, self asses. Table Tennis; replicate skills and game play  Effectively identify your strengths and areas for improvement? | Athletics, Net and  Wall, Strike & Field;  Ensure and understand scoring and rules in games. Continue to develop and improve techniques. Refine performances through feedback.  Can you peer assess and improve athletic performance? | Athletics, Net and  Wall, Strike & Field;  Ensure and understand scoring and rules in games. Continue to develop and improve techniques. Refine performances through feedback.  Can you officiate a game successfully? |
| 3D Design | Health and Safety Refresher  Who is responsible for accidents in the workshop? | Coat Hook  What is cold forming and how can you use it on metal? | Model Making  What different ways can you cut and shape cardboard? | Presentation Skills  How can we use weight of line to improve our drawings? | Architecture design  When could you use three-point perspective instead of two-point perspective? | Architecture Modeling  If you wanted to reproduce the same model more than once how could you ensure they are the same? |
| Food Tech | Health & Safety and Hygiene Refresher  How can poor H&S contribute to food poisoning? | Bread from around the world  How does bread rise and what different ingredients can we use to make this happen? | Food from around the world – China  Explain why rice can be deadly and how you can stop this happening? | Food from around the world – Italy  Explain what a Bechamel is and how is it different to a Roux? | Food from around the world – India  Why did ancient India use spices in food? | The Great Eskdale Bake off!  Explain how different ingredients and ratio’s produce very different cakes? |
| Drama | Holidays  How can you use exaggeration in performance to create comedic effect?   * Skills * Mime/movement * Choral work * Exploiting use of language * Teacher in role * Whole class in role * Cross cutting * Spotlighting * Voice   Physicality | Let him have it  How can we perform a real life miscarriage of justice through a range of drama techniques and characterisation?  Skills   * Thought tracking * Hologram * Narration * hot seating * improvisation * cross cutting * forum theatre * gestus | Dance – Musical theatre  Can you demonstrate a range of performance techniques in this genre? | Macbeth  What are the key themes, plot and motivations of the main characters?  Skills   * Script work * Interpretation of 17th century language – page to stage * Directing * Blocking * Iambic pentameter   Interpreting themes for a modern audience | Witch hunt  How were people, especially women, discriminated against in this period of history?  Skills   * Hot seating * Thought tracking * Spotlighting * Whole class performance * Monologue * Rhythm * Freeze frame   Sound collage | GCSE transfer unit  How does script move from page to stage?  Skills   * Interpretation of character and understanding playwright’s intentions   Appreciation of technical directions in the script |
| Art | Baseline Assessment  How good am I   * right now at art? | Investigating he work of others  What are other artists doing and how can I be inspired? | Fantastic and Strange Project  What is ‘Fantastic and Strange’ about the world we live in? | Fantastic and Strange Project   * What is ‘Fantastic and Strange’ about the world we live in? | GCSE PREP   * What is expected of me at GCSE? | GCSE PREP   * What is expected of me at GCSE? |
| PTE | Judaism: Beliefs and teachings  How do Jewish people practice their religion?  Nature of God - all  Life after death  Messiah  Promised Land  Ten Commandments  Moral principles  Free will and Mitzvot | Judaism: Practices  How do Jewish people practice their religion?    Synagogue  Worship orthodox and reform  Daily services / prayer  Shabbat synagogue and home  Written and oral law  Birth | Judaism: Practices  How do Jewish people practice their religion?  Bar and Bat Mitzvah  Marriage  Mourning the dead  Dietary laws  Rosh Hashanah and Yom Kippur  Pesach | Holocaust and human rights  How did the Holocaust affect Jewish people?  Pre-war Jewish life  Changing laws  Ghettos  Concentration camps  Victims | Holocaust and human rights  How did the Holocaust affect Jewish people?  Perpetrators  Resisters  Bystanders  FILM: Zookeepers Wife | Religion, human rights and social justice  How much value should we place on humans and animals?  Social justice and human rights  Prejudice and discrimination  Religious freedom  Disability and race  Teachings about wealth  Poverty and its causes  Exploitation and giving money to the poor |
| **Music** | **Film music**  What is the purpose of film music?  Skills  \*Analysis  \*note reading  \*keyboard playing  \* composition | **Film music**  How do you create  tension?  Skills  \*playing and  recognising:  - chromatic scale  - whole tone scale  - tri-tone  - diminished chord  - arpeggio  - cluster chord  - contrary motion  \*using tempo and dynamics to create  tension  \*using synth sounds  on the keyboard  \*mickey-mousing  \*using keyboard and  vocal sound effects to  enhance action. | **Rock ‘n’ Roll**  How do you start a teenage revolution?  Skills  \*Using backing styles  and chords  \*playing a walking  bass  \* ensemble skills  \*reading notation | **Fusion**  What makes a successful marriage of  Musical styles?  Skills   * Analytical skills * Muse Score | **Pop Music**  How has popular music changed and  developed through the decades?  Skills  \*Analytical skills  \*ensemble skills  \*playing the bass  \*playing the drums  \*using musescore | **Pop Music**  How do you write a  pop song?  Skills  \*garage band and  Muse Score  \*Ukulele  \*writing lyrics  \*playing a chord  sequence  \*ensemble skills  \*setting up mics,  electric guitars and  amps |