



**Willow Bank School**

**Year 10**

**Independent Learning Plans**

English	Maths	Science	Computing
<p><b>Macbeth and An Inspector Calls</b></p> <ul style="list-style-type: none"> <li>□ Watch the film of Macbeth.</li> <li>□ Watch the An Inspector Calls documentary on YouTube.</li> <li>□ Find 10 facts about Shakespeare.</li> <li>□ Find 10 facts about Priestley.</li> <li>□ Design a film poster for Macbeth.</li> <li>□ Record a voice note of 5 key quotes from Macbeth connected to gender.</li> </ul>	<ul style="list-style-type: none"> <li>□ Fact file for famous mathematician: <a href="#">Eratosthenes</a>.</li> <li>□ 3 x set MathsPad tasks.               <ul style="list-style-type: none"> <li>○ 1</li> <li>○ 2</li> <li>○ 3</li> </ul> </li> <li>□ Create a revision poster or flashcards on: <a href="#">Angles</a>.</li> <li>□ Find out the etymology of the following key terms: <a href="#">angle</a>, <a href="#">degree</a>, <a href="#">protractor</a>.</li> <li>□ Puzzle: Prime Square               <div style="text-align: center;">  </div> </li> </ul>	<ul style="list-style-type: none"> <li>□ <b>Biology:</b> Make a model of an animal and plant cell using household items.</li> <li>□ <b>Chemistry:</b> Use the RSC periodic table and identify uses of 10 elements.</li> <li>□ <b>Physics:</b> Identify six energy transfers in household items.</li> <li>□ <b>Seneca:</b> Complete the set tasks and explore further relevant activities if you want to.</li> <li>□ <b>Revision guide:</b> Complete knowledge, retrieval and practice questions in revision book.</li> </ul>	<p><b>Homework 1</b></p> <ul style="list-style-type: none"> <li>□ Access Cisco Network Academy and complete the module on common cyber-system threats, attacks and vulnerabilities.</li> </ul> <p><b>Homework 2</b></p> <ul style="list-style-type: none"> <li>□ Access the quizizz site and answer 13 questions on IT security.</li> </ul>

Art	Film Studies	Health and Social Care	PSHE
<ul style="list-style-type: none"> <li>□ Using the starting point “natural forms” I would like you to mind map all your ideas. You need to think about shapes, textures, colours, objects, artists etc.</li> <li>□ Collect images that can be used in your sketch book to support your research on natural forms.</li> <li>□ You will be set weekly homework tasks to continue with course work set in lessons. <ul style="list-style-type: none"> <li>○ 1</li> <li>○ 2</li> <li>○ 3</li> <li>○ 4</li> <li>○ 5</li> <li>○ 6</li> </ul> </li> </ul>	<p style="text-align: center;"><b>Component 1 – Key Developments in US Film</b></p> <p style="text-align: center;"><u><a href="#">Invasion of the Body Snatchers</a></u></p> <ul style="list-style-type: none"> <li>□ Create a PowerPoint exploring “The Red Scare” and “McCarthyism” in post War American society”.</li> <li>□ Several versions of “Invasion of the Body Snatchers” have been made over the years – write a brief report (300 – 500 words) in which you list the different versions and how the film changes to fit new social contexts.</li> <li>□ Watch the 1978 version of Invasion of the Body Snatchers – which version of the film did you prefer? Why?</li> </ul>	<p><b>Task 1</b></p> <ul style="list-style-type: none"> <li>□ Create a family tree of either your family or a celebrity's family of choice and label all of people's life stages.</li> </ul>  <p><b>Task 2</b></p> <ul style="list-style-type: none"> <li>□ Interview a family member about their educational experience and the impact that it had on them using the PIES.</li> </ul>  <p><b>Task 3</b></p> <ul style="list-style-type: none"> <li>□ Watch a programme you enjoy and analyse what life factors are happening to one of the characters and the effects of this on them.</li> </ul> 	<p style="text-align: center;"><b>Core Theme 1: Health and Wellbeing</b></p> <ul style="list-style-type: none"> <li>□ <u>WATCH and READ</u></li> </ul>  <ul style="list-style-type: none"> <li>□ Could mindfulness work for me?</li> </ul>

# Autumn 2

English	Maths	Science	Computing
<p><b>Fiction and Non-fiction Reading</b></p> <ul style="list-style-type: none"> <li>□ Write a 500 word story called 'The Secret'.</li> <li>□ Do a crossword.</li> <li>□ Write a letter of application for a part time job.</li> <li>□ Write a 500 word review of a TV show you watched this week.</li> </ul>	<ul style="list-style-type: none"> <li>□ Fact file for famous mathematician: <a href="#">Descartes</a>.</li> <li>□ 3 x set MathsPad tasks.               <ul style="list-style-type: none"> <li>○ 1</li> <li>○ 2</li> <li>○ 3</li> </ul> </li> <li>□ Create a revision poster or flashcards on: <a href="#">Coordinates and Linear Graphs</a>.</li> <li>□ Find out the etymology of the following key terms: <a href="#">numerator</a>, <a href="#">denominator</a>, <a href="#">linear</a>.</li> <li>□ Puzzle: <a href="#">Fractions Jigsaw</a>.</li> </ul> 	<ul style="list-style-type: none"> <li>□ <b>Biology:</b> Make a life size image/model of the human body and label two organ systems.</li> <li>□ <b>Chemistry:</b> Use this focus elearning link to make a list of important properties of ionic compounds <a href="#">Essential Chemistry - Focus eLearning by Focus Educational Software Ltd.</a></li> <li>□ <b>Physics:</b> Identify the power ratings of five household items and calculate the energy transferred in 10 minutes use.</li> <li>□ <b>Seneca:</b> Complete the set tasks and explore further relevant activities if you want to.</li> <li>□ <b>Revision guide:</b> Complete knowledge, retrieval and practice questions in revision book.</li> </ul>	<p><b>Homework 1</b></p> <ul style="list-style-type: none"> <li>□ Identity Theft Worksheet – Complete the activity on how a person can prevent identity theft.</li> </ul> <p><b>Homework 2</b></p> <ul style="list-style-type: none"> <li>□ Watch the revision videos available on Edmodo in preparation for the unit exam.</li> </ul>

Art	Film Studies	Health and Social Care	PSHE
<p>□ Watch the following YouTube video on the artist Henri Matisse.</p>  <p>□ Collect 10 photos on your phone/camera of natural forms you see in your garden or local area.</p> <p>□ You will be set weekly homework tasks to continue with course work set in lessons.</p> <ul style="list-style-type: none"> <li>○ 1</li> <li>○ 2</li> <li>○ 3</li> <li>○ 4</li> <li>○ 5</li> <li>○ 6</li> </ul>	<p><b>Component 1 - Key Developments in US Film</b></p> <p><b>ET</b></p> <p>□ Create a 10 – 12 slide PowerPoint in which you offer a brief biography of “the life and films of Steven Spielberg”</p> <p>□ Read Roger Ebert’s review of ET (available online), then read Philip French’s review in the Guardian newspaper (available online). In less than 200 words explain which review is closer to your own thoughts about the film – and why.</p> <p>□ Watch another 1980s Sci Fi film e.g. “Flight of the Navigator” or “Tron.” Do the films have any common features?</p>	<p><b>Task 1</b></p> <p>□ Search through a cookery book and pick out a healthy meal, including starter, main and dessert.</p>  <p><b>Task 2</b></p> <p>□ Research a celebrity and make a time line of the different life events they have gone through.</p>  <p><b>Task 3</b></p> <p>□ Watch The News and pick out any stories about any of the following;</p> <ul style="list-style-type: none"> <li>• Education</li> <li>• Discrimination</li> <li>• Social Media</li> <li>• Culture</li> <li>• Abuse.</li> </ul> 	<p><b>Core Theme 1: Health and Wellbeing</b></p> <ul style="list-style-type: none"> <li>• List 3 things you can do to help ensure you are living a healthy lifestyle. These could be based around food and drink, exercise, self-care or personal hygiene.</li> </ul>

<b>English</b>	<b>Maths</b>	<b>Science</b>	<b>Computing</b>
<p><b>Relationships Poetry</b></p> <ul style="list-style-type: none"> <li>□ Watch Mr Taylor's 'Valentine' video on YouTube.</li> <li>□ Watch Mr Taylor's 'Manhunt' video on YouTube.</li> <li>□ Watch Mr Taylor's 'A Child To His Sick Grandfather' video on YouTube.</li> <li>□ Watch Mr Taylor's 'She Walks In Beauty' video on YouTube.</li> <li>□ Watch Mr Taylor's 'Sonnet 43' video on YouTube.</li> <li>□ Watch Mr Taylor's 'One Flesh' video on YouTube.</li> <li>□ Watch Mr Taylor's '1st Date' video on YouTube.</li> </ul>	<ul style="list-style-type: none"> <li>□ Fact file for famous mathematician: <a href="#">Muhammad ibn Musa al-Khwarizmi</a>.</li> <li>□ 3 x set MathsPad tasks.               <ul style="list-style-type: none"> <li>○ 1</li> <li>○ 2</li> <li>○ 3</li> </ul> </li> <li>□ Create a revision poster or flashcards on: <a href="#">Measures</a>.</li> <li>□ Find out the etymology of the following key terms: <a href="#">millimetre</a>, <a href="#">centimetre</a>, <a href="#">kilometre</a>.</li> <li>□ Puzzle: <a href="#">Missing Lengths</a>.  <div style="text-align: center; margin-top: 5px;">  </div> </li> </ul>	<ul style="list-style-type: none"> <li>□ <b>Biology:</b> Find two examples of foods that contain carbohydrates, protein, lipids and fibre.</li> <li>□ <b>Chemistry:</b> Draw and label a diagram to show how bauxite is split using electricity.</li> <li>□ <b>Physics:</b> Produce a model to show the different states and changes of state.</li> <li>□ <b>Seneca:</b> Complete the set tasks and explore further relevant activities if you want to.</li> <li>□ <b>Revision guide:</b> Complete knowledge, retrieval and practice questions in revision book.</li> </ul>	<p><b>Homework 1</b></p> <ul style="list-style-type: none"> <li>□ Motherboard components: Complete the activity on identifying the correct components on a motherboard.</li> </ul> <p><b>Homework 2</b></p> <ul style="list-style-type: none"> <li>□ PC Buyers guide: Complete the Desktop PC buyers guide write-up.</li> </ul>

Art	Film Studies	Health and Social Care	PSHE
<p>□ Watch the following video on Andy Goldsworthy.</p>  <p>□ Go into your garden or local area and use nature to create art in response to the video, record this using your phone/camera and create a double page spread in your sketch book.</p> <p>□ You will be set weekly homework tasks to continue with course work set in lessons.</p> <ul style="list-style-type: none"> <li>○ 1</li> <li>○ 2</li> <li>○ 3</li> <li>○ 4</li> <li>○ 5</li> <li>○ 6</li> </ul>	<p><b>Component 1 – Independent US cinema</b></p> <p><u><a href="#">Whiplash</a></u></p> <p>□ Create a new poster for “Whiplash” and be prepared to explain your design concept.</p> <p>□ Watch a film from the sports genre (e.g. King Richard or Rocky). Whilst watching the film, ask yourself how many features from this genre “Whiplash” borrows.</p> <p>□ Write a short essay (400 – 600 words) explain who “won” their private battle, Fletcher or Andrew? Explain your thinking using evidence from the film.</p>	<p><b>Task 1</b></p> <p>□ Create a personal development journal, giving an example of something you have done well each day.</p>  <p><b>Task 2</b></p> <p>□ Go for a walk with a friend or family member. Take both of your pulse rates before you go and when you get back and record the results.</p>  <p><b>Task 3</b></p> <p>□ Research how much sugar people should eat a day and write up the effects of too much on individuals.</p> 	<p><b>Core Theme 1: Health and Wellbeing</b></p> <p>□ Watch one of the real life stories about drink and drugs.</p> 

English	Maths	Science	Computing
<p><b>Frankenstein and Transactional writing</b></p> <ul style="list-style-type: none"> <li>□ Read a film review on a newspaper website.</li> <li>□ Read 3 newspaper articles.</li> <li>□ Cook something following a recipe to the letter.</li> </ul>	<ul style="list-style-type: none"> <li>□ Fact file for famous mathematician: <a href="#">Euler</a> or <a href="#">Florence Nightingale</a>.</li> <li>□ 3 x set MathsPad tasks.               <ul style="list-style-type: none"> <li>○ 1</li> <li>○ 2</li> <li>○ 3</li> </ul> </li> <li>□ Create a revision poster or flashcards on: <a href="#">Collecting and Representing Data</a>.</li> <li>□ Find out the etymology of the following key terms: <a href="#">percentage</a>, <a href="#">proportion</a>, <a href="#">qualitative</a>, <a href="#">quantitative</a>.</li> <li>□ Puzzles:               <ul style="list-style-type: none"> <li> Estimating Time</li> <li> Shape Sums</li> <li> Shape Time Space</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>□ <b>Biology:</b> Create a flipbook to show how white blood cells respond to infection.</li> <li>□ <b>Chemistry:</b> Make a poster to show the differences between an exothermic and an endothermic reaction, including examples.</li> <li>□ <b>Physics:</b> Write a letter to Homer Simpson explaining the risks associated with radiation and how he can stay safe at work.</li> <li>□ <b>Seneca:</b> Complete the set tasks and explore further relevant activities if you want to.</li> <li>□ <b>Revision guide:</b> Complete knowledge, retrieval and practice questions in revision book.</li> </ul>	<p><b>Homework 1</b></p> <ul style="list-style-type: none"> <li>□ Revise and complete questions on data storage and the main differences between primary and secondary storage.</li> </ul> <p><b>Homework 2</b></p> <ul style="list-style-type: none"> <li>□ Watch the revision videos available on Edmodo in preparation for the unit exam.</li> </ul>

Art	Film Studies	Health and Social Care	PSHE
<p><input type="checkbox"/> Watch the following video on Karl Blossfeldt.</p>  <p><input type="checkbox"/> Think about the impact that Karl Blossfeldt photography had on modern art at the time add this to your artist research.</p> <p><input type="checkbox"/> You will be set weekly homework tasks to continue with the work set in lessons.</p> <ul style="list-style-type: none"> <li>○ 1</li> <li>○ 2</li> <li>○ 3</li> <li>○ 4</li> <li>○ 5</li> <li>○ 6</li> </ul>	<p><b>Component 2 – Global Film: Narrative, representation and film style</b></p> <p><u><a href="#">District 9</a></u></p> <p><input type="checkbox"/> Watch the BBC documentary, “Nelson Mandela: the fight for freedom” (available online). Summarise the key information you took away from the documentary in 50 words or less.</p> <p><input type="checkbox"/> Research the alien effects used in District 9 and write a short report (no more than 500 words), explaining how they were created.</p> <p><input type="checkbox"/> Watch “A History of Black Stereotypes Onscreen” (available Online). Have you come across any of these stereotypes in your own film and television viewing? Make a list.</p>	<p><b>Task 1</b></p> <p><input type="checkbox"/> Choose a current Health Promotion Campaign e.g. Dry January (alcohol awareness), Stoptober (Quit Smoking), Movember (Men’s health issues awareness; testicular cancer, prostate cancer, men’s mental health) and create a PowerPoint explaining why it was created, the growth of the campaign and why it is needed.</p>  <p><b>Task 2</b></p> <p><input type="checkbox"/> Brush your teeth for 2 minutes in the morning and the evening of every day (time it!)</p>  <p><b>Task 3</b></p> <p><input type="checkbox"/> Create a poster on the importance of fire and smoke alarms.</p> 	<p><b>Core Theme 1: Health and Wellbeing</b></p> <p><input type="checkbox"/> Watch ‘What is a period’?</p> 

English	Maths	Science	Computing
<p><b>Relationships Poetry</b></p> <ul style="list-style-type: none"> <li>□ Watch Mr Taylor's 'A Complaint' video on YouTube.</li> <li>□ Watch Mr Taylor's 'Love's Dog' video on YouTube.</li> <li>□ Watch Mr Taylor's 'I Wanna Be Yours' video on YouTube.</li> <li>□ Watch Mr Taylor's 'My Father Would Not Show Us' video on YouTube.</li> <li>□ Watch Mr Taylor's 'Neutral Tones' video on YouTube.</li> <li>□ Watch Mr Taylor's 'My Last Duchess' video on YouTube.</li> <li>□ Watch Mr Taylor's 'La Belle Dame Sans Merci' video on YouTube.</li> </ul>	<ul style="list-style-type: none"> <li>□ Fact file for famous mathematician: <a href="#">Gauss</a>.</li> <li>□ 3 x set MathsPad tasks.               <ul style="list-style-type: none"> <li>○ 1</li> <li>○ 2</li> <li>○ 3</li> </ul> </li> <li>□ Create a revision poster or flashcards on: <a href="#">Averages</a>.</li> <li>□ Find out the etymology of the following key terms: <a href="#">radius</a>, <a href="#">diameter</a>, <a href="#">circumference</a>.</li> <li>□ Puzzle: Transformation Tetris</li> </ul> 	<ul style="list-style-type: none"> <li>□ <b>Biology:</b> Watch an episode of Green Plant on BBC iPlayer.</li> <li>□ <b>Chemistry:</b> Apply what we've learnt about rates of reaction and make a tray of jelly from cubes in the fastest time possible – be ready to explain!</li> <li>□ <b>Physics:</b> Identify objects/scenarios which involve each of the forces we have covered.</li> <li>□ <b>Seneca:</b> Complete the set tasks and explore further relevant activities if you want to.</li> <li>□ <b>Revision guide:</b> Complete knowledge, retrieval and practice questions in revision book.</li> </ul>	<p><b>Homework 1</b></p> <ul style="list-style-type: none"> <li>□ Access YouTube and watch the documentary 'A Brief History of the Internet', ready to answer questions in class.</li> </ul> <p><b>Homework 2</b></p> <ul style="list-style-type: none"> <li>□ Complete the Boolean search techniques activity.</li> </ul>

Art	Film Studies	Health and Social Care	PSHE
<ul style="list-style-type: none"> <li>□ Watch the following video interview with the artist Angi Lewin and Emily Sutton.</li> </ul> <div data-bbox="241 392 421 571" data-label="Image"> </div> <ul style="list-style-type: none"> <li>□ Create small thumb nail drawings / paintings in the style of Angi Lewin of flowers and plants around your house or your garden. If you don't have access to a garden go around your local area and use your phone to capture your own images.</li> <li>□ You will be set weekly homework tasks to continue with course work set in lessons.</li> </ul>	<p style="text-align: center;"><b>Component 2 – Global Film: Narrative, representation and film style</b></p> <p style="text-align: center;"><u><a href="#">Girlhood</a></u></p> <ul style="list-style-type: none"> <li>□ Find “Girlhood” by Para One – from the Girlhood soundtrack on YouTube. Select a series of photographs which you believe capture the tone and atmosphere of the music – either personal images you don't mind sharing with the class, or images from the internet.</li> <li>□ Watch the 7 minute documentary “Hollywood Cinema vs. European Art Cinema” on YouTube. How many of the conventions of European Art Cinema does “Girlhood” employ? Write a brief report using examples from the film.</li> <li>□ Watch a European film title of your own choosing. Did you enjoy the film? Does it make you want to explore more films from around the world?</li> </ul>	<p><b>Task 1</b></p> <ul style="list-style-type: none"> <li>□ Create a written response to a case study provided on human needs that are not being met and impact on them.</li> </ul> <div data-bbox="1480 248 1675 448" data-label="Image"> </div> <p><b>Task 2</b></p> <ul style="list-style-type: none"> <li>□ Research what Palliative Care involves and create a PowerPoint on what it is, what it involves and how this could impact on individual and their family.</li> </ul> <div data-bbox="1532 689 1686 842" data-label="Image"> </div> <p><b>Task 3</b></p> <ul style="list-style-type: none"> <li>□ Watch the news and write up any reportings on Health and Social Care services and impact.</li> </ul> <div data-bbox="1487 1185 1671 1321" data-label="Image"> </div>	<p><b>Core Theme 2: Relationships</b></p> <p>Watch and Read</p> <ul style="list-style-type: none"> <li>□ Is this sexual harassment?</li> </ul> <div data-bbox="1845 464 2018 635" data-label="Image"> </div>

# Summer 2

English	Maths	Science	Computing
<p><b>Spoken Language Endorsement</b></p> <ul style="list-style-type: none"> <li>□ Write a 500 word story called 'Help'.</li> <li>□ Collect 5 photos of interesting locations.</li> <li>□ Collect 5 pictures of interesting characters.</li> </ul>	<ul style="list-style-type: none"> <li>□ Fact file for famous mathematician: <a href="#">Fibonacci</a>.</li> <li>□ 3 x set MathsPad tasks.               <ul style="list-style-type: none"> <li>○ 1</li> <li>○ 2</li> <li>○ 3</li> </ul> </li> <li>□ Create a revision poster or flashcards on: <a href="#">3D Shapes</a>.</li> <li>□ Find out the etymology of the following key terms: <a href="#">sequence</a>, <a href="#">polygon</a>, <a href="#">prism</a>, <a href="#">cuboid</a>.</li> <li>□ Puzzle: Consecutive Numbers</li> </ul> 	<ul style="list-style-type: none"> <li>□ <b>Biology:</b> Grow and nurture a plant from seed – speak to a staff member if you need some seeds.</li> <li>□ <b>Chemistry:</b> Explain to someone at home six things you have learnt about rates of reaction.</li> <li>□ <b>Physics:</b> Create a Facebook profile (ask for the sheet) on Isaac Newton.</li> <li>□ <b>Seneca:</b> Complete the set tasks and explore further relevant activities if you want to.</li> <li>□ <b>Revision guide:</b> Complete knowledge, retrieval and practice questions in revision book.</li> </ul>	<p><b>Homework 1</b></p> <ul style="list-style-type: none"> <li>□ Complete the networks and online safety homework on Seneca.</li> </ul> <p><b>Homework 2</b></p> <ul style="list-style-type: none"> <li>□ Watch the revision videos available on Edmodo in preparation for the unit exam.</li> </ul>

Art	Film Studies	Health and Social Care	PSHE
<p>You will be collating all your ideas and work together this half term and working to towards creating a piece of art that is representative of your exploration into natural forms.</p> <ul style="list-style-type: none"> <li>□ Collect images that will support this.</li> <li>□ Gather all your ideas into a mind map. By this point you should be adding lots of illustrations and colour to this.</li> <li>□ Go through your sketchbook and make sure that all the work is up to date and all your art is complete with everything annotated.</li> </ul>	<p><b>Component 2 – Global Film: Narrative, representation and film style</b></p> <p><u>Submarine</u></p> <ul style="list-style-type: none"> <li>□ Create a 10 – 12 slide PowerPoint in which you explain the conventions of the “coming of age” genre.</li> <li>□ Create a set design for Jordana’s bedroom. What does the design of the room, and the set dressing tell us about the character?</li> <li>□ Submarine is heavily inspired by the French New Wave. Write a Mr Men style “beginners guide to The French New Wave aimed at an audience of young children (simple words, short sentences, no unnecessary details, simple images etc.)</li> </ul>	<p><b>Task 1</b></p> <ul style="list-style-type: none"> <li>□ Research your local area and create a list of local Health care settings and Social care settings and a brief explanation of what services they offer. </li> </ul> <p><b>Task 2</b></p> <ul style="list-style-type: none"> <li>□ Pick a Health or Social Care professional role and find out all the information that is required to carry out that role. </li> </ul> <p><b>Task 3</b></p> <ul style="list-style-type: none"> <li>□ Create revision cards linking the Accessing Opportunities options to Challenges and Barriers that individuals may face to access them. </li> </ul>	<p><b>Core Theme 2: Relationships</b></p> <ul style="list-style-type: none"> <li>□ <u>READ</u> Stephen Lawrence: The murder that changed a nation</li> </ul> 