Careers Interactions Across Frensham Heights Curriculum Areas

Skills exhibited: N - Never; S Sometimes; O Often A Always

	1	2	3	4	5	6	7	8	9	GCSE	Sixth Form	Independence	Leadership	Teamwork	Resilience	Creative Thinking	Problem Solving	Tech Literacy	Equality and Equity	Communication	Ambition
Art																					
Biology																					
Business & Economics										**BTEC Assignments** are industry based. **BusinessInsights@FrenshamHeights** - TED Talks delivered by industry professionals. **New York Business Trip** **Linking Industry Professionals with Neurodiversity and Protected Characteristics Display** **Curriculum/Industry Links Throughout**	**BusinessInsights@FrenshamHeights** - TED Talks delivered by industry professionals. **Making Tour of the London Financial District.** **New York Business Trip** **Linking Industry Professionals with Neurodiversity and Protected Characteristics Display** **Curriculum/Industry Links Throughout**	**Idependent Research -** Developed through BTEC Coursework	**Group tasks where Leaders are assigne**d. eg Kotter and Schlesinger Group Project. **A Level Units** - developing Leadership and Management Skills and Decision Making	**Team Research Tasks and Presentations -** Illustrated from the first task in Year 10 and throughout.	**Businessinsights@FrenshamHeights -** Interactions with industry professionals highlighting the unorthodox nature of careers journnies	**BTEC Assignments -** industry specific and scenario based	**A Level Units** on Strategic Positioning, Marketing and Fiance all linked to real world application.	**Development of Tech Skills -** Production of charity promotional posters linking to	**Linking Industry Professionals with Neurodiversity and Protected Characteristics** Display.	**Presentation Project Tasks** - Market Research task develops real world skills by linking application to theory	**Fostered Culture of Excellence** - 79% of Yr10 students working at Distinction. 88% of Yr11 students working at Distinction Level.
Chemistry							Year 7 forensics day.				Chemistry live trip. Curriculum links to pharmaceutical chemistry, petrochemical industry, analytical chemistry. Youth Summit at Royal Institution trip.											
Computer										**Computing Live! Disney Trip**	**Computing Live! Disney Trip**										
Dance							**Term 2:** Discussion of the role of a professional choreographer and the production of their work	**Term 1:** Video on life as a Motionhouse dancer linked to learning a set phrase. **Term 2:** Discussion of the role of a professional choreographer and the production of their work	**Term 2:** Discussion of the role of a professional choreographer and the production of their work **Term 3:** Working as a production team to produce a presentation	**Practical Lessons-** Consistent discussions on life as a dancer and choreographer **Theory-** Analysis of professional works and the role of the people involved. **Enrichment Activities-** Workshops with professional companies to highlight the requirements needed by a dancer in the professional world	**Practical Lessons-** Consistent discussions on life as a dancer and choreographer **Theory-** Analysis of professional works and the role of the people involved. Analysis of Rambert Dance Company and the roles of those who work there. **Enrichment Activities-** Workshops with professional companies to highlight the requirements needed by a dancer in the professional world										
DT/ 3DD							**Introductory lesson** references transferable skills which apply to any career choice and looks a wide range of Careers 3D Design can lead to.	**Introductory lesson** references transferable skills which apply to any career choice and looks a wide range of Careers 3D Design can lead to..	**Introductory lesson** references transferable skills which apply to any career choice and looks a wide range of Careers 3D Design can lead to. **Architecture Project** looking at professionals, designing and modelling unique buildings	Displays featuring the green leagues for universities, careers posters. For exam classes we encourage students to immerse themselves in the world of design by creating displays with QR codes of interesting podcasts, magazines and competitions for them to explore. We also look into social media and have QR codes linked to accounts for Instagram, YouTube and TikTok along with a sharing board for students to suggest interesting designers for each other to follow.	Displays featuring the green leagues for universities, careers posters. For exam classes we encourage students to immerse themselves in the world of design by creating displays with QR codes of interesting podcasts, magazines and competitions for them to explore. We also look into social media and have QR codes linked to accounts for Instagram, YouTube and TikTok along with a sharing board for students to suggest interesting designers for each other to follow.										
Drama										Links to design work including lighting, set, sound and costume designers within the industry.	Links to design work including lighting, set, sound and costume designers within the industry.										
English																					
Film										N/A	film industry opportunities, direct reference and application to film and tv applications: screenwriting, film unit, production, directing, cameraism script editing and writing during the coursework phase of the course.	O: Students work independently throughout the curriculum on written work, research and coursework (at A-level)		O: Students regularly work in groups or pairs. When completing the coursework they provide constructive feedback		S: During the coursework, the students work on an original screenplay project.		S: during the coursework, the students will use screenwriting software, cameras and editing software.		A: Oracy is central to film criticism. Q and A active listening, debating and presenting are regular features of lessons as well as question and answers.	Students are always encouraged to be the best versions of themselves.
French																					
Geography							We complete a whole unit on Economic Activity, including a lesson on industrial sectors of an economy and how different types of jobs are characterised, we then study different aspects of each different industrial sector, including farming, manufacturing, and tourism. We also evaluate the pros and cons of working in different types of jobs.														
Global Perspectives																					
History							museum curators	industrial revolution and industrial processes, trains, canals, roads, railways, infrastructure, engineering	Military	politics, law, civil rights, historian, Medicine through time links to the medical profession: doctors, nursing and scientific breakthroughs.	law politics civil service. Historian	O: Students work independently throughout the curriculum on written work, research and coursework (at A-level)	Leadership is studied in all of its forms in History. S: When working in groups students are able to demonstrate leadership.	O: Students regularly work in groups or pairs			A: Throughout lessons Students complete problem solving in forms of inferences, source analysis, comprehension and question and answering		S: Some aspects of History explore different groups in society and how they are treated. A good example would be soldiers of the empire and multiculturalism in Year 9 and US civil rights in Year 11. study of Holocaust and minorities during Year 9 and 10.	A: Oracy is central to the study of History. active listening, debating and presenting are regular features of lessons as well as question and answers.	Students are always encouraged to be the best versions of themselves.
Horizons (PSHE)							All lessons aim to develop SMSC and personal and social wellbeing. 2 specific lessons in Summer Term including research into possible careers in the area of something they love and what they can do in their time at Frensham to prepare for this.	All lessons aim to develop SMSC and personal and social wellbeing. 2 specific lessons in Summer Term on careers, identity and the world of work, work-life balance and how what they do as a career should reflect their values and identity. Unifrog resources used.	All lessons aim to develop SMSC and personal and social wellbeing.	Year 10 and 11 include Horizons talks and events on RSE, Substances, Online Safety, Mental Health, Physical Health and Respect for Diversity. These all aim to develop SMSC and personal and social wellbeing with the intention to help pupils look to the future and consider impact on possible careers when making responsible decisions.	All lessons aim to develop SMSC and personal and social wellbeing. Year 12 lessons build towards an understanding of their place in the world post sixth form and include a specific lesson on post 18 Options – gap years, studying abroad, internships, apprenticeships. Year 13 lessons continue in this vein with 4 specific focused on the future on Future Choices & Online Reputation; Moving Away from Home, Finance & Budgetine: and Mental Health away from home.	O - Students are encouraged in a spiral curriculum to develop independence and be prepared for life beyond school. This includes research tasks, presentation, discussion on topics from the statutory RSHE guidance that help them towards this ambition.	S - Students may lead in group work and discussion.	O - regular group work which is reflected upon. Teamwork is discussed and focused as a specific skill to be develop in specific lessons.	O - Many lessons focus on mental health, wellbeing and managing difficulty. Students are regularly encouraged to recognise that failure is part of life and a step on the path towards a successful life. The Mindfulness programme in Year 9 helps students develop tools to manage this.	O - Students are encouraged to reflect and discuss on issues and topics that affect their lives. They are encouraged to produce presentations and think creatively about different challenges they may face.	O - Students are encouraged to reflect and discuss on issues and topics that affect their lives. They are encouraged to problem solve regularly when faced with challenges they may face in life.	O - Lessons on online safety form a regular part of the spiral Horizons curriculum developing tech literacy. Students are also encouraged to digitally research and produce presentations.	O - Lessons are always inclusive and RSE lessons include specific efforts to promote equality and equity, including specific lessons on the Equality Act and protected characteristics. Specific lessons also address issues around race, ethnicity, stereotypes and equality.	A - Lessons always include discussion and probing Q&A to help students reflect upon their views and understanding of different PSHE topics. Presentations also involve opportunity to develop communication skills.	A - Lessons always encourage students to reflect on who they are and how they can develop into the best they can be. Specific careers focused lessons as well as Sixth Form lessons focused on moving on aim to encorage ambition in future goals.
Maths							Financial Maths (SP1) - debit, credit, bank statements, payslips, tax, balance sheets. Hands on Maths Task - Maths and Art	Ratio \u'Scales and and maps (AT1). Hand on Maths Usain Bolt - links to Sports Science and sports analysis (AT2), Data analysis/Data Science - probability and statistic units (AT4/SP1)	Bearings - links to avaition and navigation. Analysing Data/Data Science - probability and statistic units. Applied Trigonometry - links to architeture	Analysing Data, Data Science - probability and statistic units, Compound interest and growth and decay - links to banking, science etc. Plans, elevations and scale drawings links to 3D design and architeture. Maths in Action Trip inks to Maths in jounalism, statistical analysis and gaming. Two series of posters relating to Maths linked careers are displayed around the Maths department and have been distributed to relevant departments, e.g. Science, Music, Art, Economics, PE.	Maths in Action Trip - links to Maths in jounalism, statistical analysis, maths and gaming. Calculus and statistics with links to Economics. Prof Aston visit - explored coding in second world war. Teaching of A level Maths and Further Maths at Frensham makes specific connections between topics taught and real-world applications and careers. This is often done formally at the start of a chapter or informally during teaching depending on teachers' individual experience and insight (e.g. current teachers have previous experience including data analysis, investment management and running small businesses). Some specific examples of topic-career links for KS5 are: Sequences - Financial analysis, Trigonometric identities – Modelling tides, weather and orbits, Calculus – Engineering, Economics and Biology, Numerical methods – Computing, Mechanics – Engineering and Nuclear physics, Complex numbers – Electronic engineering, Statistics – Psychology, Data analysis, Actuarial science, Quality control and Test engineering.	O Students often work independently on a range of activities	S - in group work and Hands on Maths activites	O - regularly group work and paired work	A - problem solving which is part of most lesson needs resilience	S - somethings problem solving elements of Maths need creative thinking to solve in less intuitive ways requiring CT skills.	A - nearly all lessons will have a problem solving element to them	S - we use technonology where appropriate with a focus on effective use of calculators and graphical calculators.	S	S - students are encourage to learn from each other and discuss their ideas.	A Students are always encouraged to show ambition by picking the more challenging work.
Music																					
Politics										N/A	law, politics, civil service. trip to Parliament and Supreme Court	O: Students work independently throughout the curriculum on written work, research.		O: Students regularly work in groups or pairs			A: Throughout lessons Students complete problem solving in forms of inferences, source analysis, comprehension and question and answering		S: Representation, multiculturalism, equality, patriarchy are all explored in multiple lessons. Also afirmative action.	A: Oracy is central to the study of Politics. active listening, debating and presenting are regular features of lessons as well as question and answers.	Students are always encouraged to be the best versions of themselves.
Photography																					
Philosophy											Politics & law, ethical research re: animal testing, ethical game/media development										
PE										Sports Science; Dietary; sports psychology; coaching, professional sport, therapy, management, refereing	Sports Science; Dietary; sports psychology; coaching, professional sport, therapy, management, refereing										
PRE									Law	Law: policing (external speaker where possible) & trip to mock court case to become jury Ethics in business & the real world, e.g. medical research, medical issues such as abortion & euthanasia Military ethics, social work (crime, the family, poverty)		Often: independent work, research tasks, presentations, argument-forming etc.		Sometimes: group activities, research and presentations	Encouragement to find out answers for themselves when they're struggling by using their folders & notes. Encouraged to re-do essays if they have underperformed.	Religious and philosophical art. Problem solving. Forming opinions and judgements.	Philosophical and critical thinking. Spotting flaws in arguments, solving issues and proposing alternative solutions, particularly at A Level.	Research, OneNote, Presentations, Digital worksheets, Collaborative tasks on OneNote etc.	Understanding of different cultures, faiths and belief systems. Examining wealth, poverty, crime, mental health, addiction, family models, sexuality, gender, racism, prejudice, discrimination, allies & role models etc.	Oral debates, written expression, argument-forming, analysising, evaluating, judgements	Reading lists, podcasts, department library, ambition trips

Psychology											Trip to the Freud museum – link to the Psychodynamic approach, how analytical Psychology was founded and discussion with students about careers in analytical psychology. Trip to the Old Bailey and the Royal Courts of Justice linked to Forensic Psychology, Abnormality and Social Influences. 121 discussions with students about their application to study psychology at university as part of the UCAS process. Students in Y12 do class presentation on careers in psychology to foster curiosity in learning and independent research. Students learn how psychology research the subjects impact on the economy with reference to possible career paths within psychology in business and economics. Students carry out small scale investigations and write up findings in the scientific format which have been presented in morning talks. This provides them with first hand experience of how psychologists work in the field.	Research skills and research tasks in the school library linked to schizophrenia topic	Various roles in small scal investigation and taking part in delivering content in the psychology ECA.	Class presentations and small investigation in the sixth form	Research skills and research tasks in the school library linked to mental health.		Essay planning and mathematical skills development such as how to use stats in analysing human behaviour.	Videos, presenmtaion and the use of ChatGPT in lesarning about the pitfalls in essay writing for example.	Investigation the issues of male dominated research in psychology and the concepts of Apha bias as well as focsu on how new research are taking this issue into account via reflexivity.		To foster a psychological imagination that goes beyound the syllabus and allows the students to apply their knowledge and understanding of psychology to everyday life in Britain and beyond.
Physics																						
Sociology											Trip to the Freud museum – link to the societal imagination of how sociological researchers have been influence in their work around gender norms, family structures, and the role of parents in a child's development by Freud's work. Trip to the Old Bailey and the Royal Courts of Justice linked to Crime and Deviance and appreciate how sociological research has investigated the reason for crime linked to personal and societal structures. 121 discussions with students about their application to study sociology at university as part of the UCAS process. Students in Y12 do class presentation on careers in sociology to foster curiosity in learning and independent research. Students carry out small scale investigations and write up findings in the scientific format which have been presented in morning talks. This provides them with firsthand experience of how sociologists work in the field. Through analysing sociological research students investigates how sociologists develop their specific research area based on changes in society such as globalisation, gender and ethnicities and the development of the internet.	Research skills and research tasks in the school library linked to the Education topic	Various roles in small scal investigation and taking part in delivering content in the sociology ECA.	Class presentations and small investigation in the sixth form	Research skills and research tasks in the school library linked to crime and deviance topic.	For example, in global perspectives topic eveloing alternative suggestionsfor the various models taught.	Essay planning and mathematical skills development such as how to use stats in analysing human behaviour.	Videos, presenmtaion and the use of ChatGPT in lesarning about the pitfalls in essay writing for example.	Investigation the issues of gender gap in education, equal pay, the perspectives view on E and E.	Develop writing skills to write logic and reasoned answers to exam questions and to develop the ability via class discussion to form an agument based on an informed opinion.	To foster a sociological imagination that goes beyound the syllabus and allows the students to apply their knowledge and understanding of sociology to everyday life in Britain and beyond.
Spanish																						
Science					Discussion on the role of Astronauts																	