

Spring Term 2021. Year 9 E-Learning at The Vale Academy: an overview

Subject	Lessons per week	Topics studied this term	Form & Style of Teaching & Learning
English	4	Set text: Bill Bryson 'Down Under'  Independent reading & Literacy Supplementary non-fiction texts and research	2 Live lessons on the set text  PowerPoint, word doc handouts & worksheets, Sway, Forms Quiz, videos, silent reading, audio books, Teams assignments, Class notebook
Maths	4	Topics could include Fractions, decimals and percentages and relationships. Trigonometry and Pythagoras Theorem	4 Live lessons. PowerPoint and questions. Hegarty Maths, Dr Frost, Class Notebook, Forms.
Science	4	Biology- Bioenergetics, inheritance Chemistry – Energy Changes and Chemistry of the atmosphere. Physics – Particle model of matter and Atomic structure.	2 Live Lessons  PowerPoint, activities via assignments in Teams
Geography	2	Restless Earth-Volcanoes, Earthquakes and Tsunamis.	1-2 Live lessons  PowerPoint, Word documents – handouts and worksheets, Forms quiz, Teams assignments, BBC Bitesize, Seneca learning, YouTube, iPlayer documentaries
History	2	Major turning points of World War II	1-2 Live lessons  PowerPoint, Word documents – handouts and worksheets, Forms quiz, Teams assignments, BBC Bitesize, Seneca Learning, YouTube, iPlayer documentaries
RE	1	Religious Peace and Justice	PowerPoint and worksheets as Assignments on Teams and emailed to students
PE	1	Joe Wicks. Yoga. Sports Skills	Shared on work from home team. YouTube clips
MFL: French	2	Talk about sports and leisure activities. Talk about films and TV. Use a variety of opinion phrases. Use a wider range of adjectives, including in the comparative form	1 live lesson Resources shared on Teams, Languagenut.com

Art	1	<p>Shoe sculpture project</p> <p>Shoe designs: historically/ contemporary. Structures, practicality, symbolism, status and design.</p> <p>Developing observation drawing skills and techniques</p> <p>Exploring using Alice in Wonderland as a source of inspiration. Specific shoe designers</p>	<p>Shared via email and on teams.</p> <p>PowerPoint with voice over. Task sheet. Independent homework task: research. Analysis and assignment.</p> <p>PowerPoint: email/ Class Teams. You Tube clip</p> <p>Word docs: factual information &amp; examples</p> <p>Step by step support sheet with visuals and example</p>
Drama	1	<p>Short script appropriate to age and ability (4 pages) exploring the roles and developing the skills of designers in the theatre; costume, staging, set, and props</p>	<p>1 – 2 Live lessons</p> <p>PowerPoint, video clip links to You Tube. Additional resources in class Team. Assignments</p>
Technology Product Design  Food  Graphics	1 (rotated between 3 subjects)	<p>Designer Point of Sale Project</p> <p>Milk and dairy products, from the field to fork. Primary and secondary processing of milk. Dairy products and alternatives. Nutrition</p> <p>Illustration in the style of illustrator Jon Burgerman.</p>	<p>Iconic designers, product analysis, primary research, modelling, isometric &amp; perspective sketching, design ideas, evaluation.</p> <p>Assignment/tasks Audio PowerPoints. Video links. Worksheet. Word doc support sheets.</p> <p>Visual examples and video links to help with learning.</p>
Computing	1	<p>Unit 3 Data Representation and Computer Systems</p> <p>Key terms, orders of magnitude how data is processed</p> <p>Number Bases (Base 2) converting between 8 bit and denary. Binary addition and overflow errors</p> <p>Use of left and right binary shifts to perform integer division and multiplication.</p>	<p>1 Live lesson</p> <p>Class notebook with Cornell Notes template shared to all students. Lesson resources on SharePoint (Unit 3) and shared via a link in the class team.</p>
Music	1	<p>Film music- different genres including horror, sci fi and comedy</p>	<p>PowerPoints with listening, analysis of mood devices and composition using a virtual keyboard</p>