	Year A	Year B
Art & Design	• Use sketchbooks to collect, record, review , revisit and evaluate ideas • Improve mastery of techniques such as drawing, painting and sculpture with varied materials • Learn about great artist, architects and designers	
Computing	• Design & write programs to solve problems • Use sequences, repletion, inputs, variables and outputs in programs • Detect & correct errors in programs • Understand uses of networks for collaboration & communication • Be discerning in evaluating digital content	
Design & Technology	• Use research & criteria to develop products which are fit for purpose and aimed at specific groups. • Use annotated sketches, cross-section diagrams & computer-aided design • Analyse & evaluate existing products and improve own work • Use mechanical & electrical systems in own work, including programming • Cook savoury dishes for a healthy & varied diet.	
Geography	• Locate world's countries, cities, regions & features of UK • Understand latitude, longitude, Equator, hemisphere, tropics, polar circles & time zones • Study a region of the Europe and of the Americas • Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc. • Use 4- and 6- figure grid references on OS maps • Use field study to record and explain areas.	
Music	• Perform with control & expression solo & in ensembles • Improvise & compose using dimensions of music • Listen to detail and recall aurally • Use & understand basics of staff notation • Develop an understanding of the history of music, including great musicians & composers	
MFL	• Listen & engage • Engage in conversations, expressing opinions • Speak in simple language & be understood • Develop appropriate pronunciation	

MFL	• Present ideas & information orally • Show understanding in simple reading • Adapt known language to create new ideas • Describe people, places and things • Understand basic grammar, e.g. gender	
History	**Year A** **British history** • An extended period of study, e.g. *-The changing power of monarchs* *-Significant turning points in British History* *-Crime & punishment* *-Leisure* **Broader History study** • Ancient Greece, i.e. *-A study of Greek life and achievements and their influence on the western world* • Non-European society, i.e. – *Mayan Civilization*	**Year B** • **British History** Anglo-Saxon & Viking, including: *-Roman withdrawal from Britain; Scots invasion* *-Invasions, settlements & kingdoms* *-Viking invasions; Danegald* *-Edward the Confessor* **Broader History study** • Non-European society, i.e. *-Islamic civilization including Baghdad,* *-Benin (West Africa)*
Science	**Year A** Biology • Life cycles of plants & animals (incl. mammal, insect, bird, amphibian) • Describe changes as humans develop & mature • Health & lifestyle, incl. circulatory system • Evolution & Adaptation Chemistry • Classify materials according to a variety of properties • Understand mixtures & solutions Physics • Light & shadows; the eye • Introduce gravity, resistance & mechanical forces	**Year B** Biology • Classification – including micro-organisms Chemistry • Know about reversible changes; identify irreversible Physics • Forces, including gravity • Electricity: investigating circuits • Understand location and interaction of Sun, Earth & Moon
Physical Education	• Use running, jumping, catching and throwing in isolation and in combination • Play competitive games, modified as appropriate • Develop flexibility & control in gym, dance & athletic • Take part in Outdoor & Adventure activities • Compare performances to achieve personal bests • *Swimming proficiency at 25m*	