Year: 5	Term: 2
Topic Name: Inside and Out	
Subject / Topic Focus: Science	

Grand Finale... Book exhibition.

WOW Starter:
Science workshop
– 'The Human
Body' – led by
the school nurse

A visitor from ... Science workshop delivered by the school nurse.

Everyone Can Curriculum Coverage		
Subject	**Topic**	**Coverage**
Science	To understand animals and humans	**To work scientifically:** • Plan enquiries, including recognising and controlling variables where necessary. • Use appropriate techniques, apparatus, and materials during fieldwork and laboratory work. • Take measurements, using a range of scientific equipment, with increasing accuracy and precision. • Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models. • Report findings from enquiries, including oral and written explanations of results, explanations involving causal relationships, and conclusions. • Present findings in written form, displays and other presentations. • Use test results to make predictions to set up further comparative and fair tests. • Use simple models to describe scientific ideas, identifying scientific evidence that has been used to support or refute ideas or arguments. **Knowledge:** • Describe the changes as humans develop to old age. • Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. • Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. • Describe the ways in which nutrients and water are transported within

		animals, including humans. **Rule of law** **Individual liberty** **Mutual respect**
Computing	**Espresso Coding Year 5 starter unit & History of the WWW**	**Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts** **Understand how computer networks, including the internet, can provide opportunities for communication and collaboration and begin to use these opportunities effectively** **Democracy** **Rule of law** **Individual liberty**
Design Technology	**Design and cook a healthy meal**	<u>To master practical skills:</u> • Understand the importance of correct storage and handling of ingredients (using knowledge of micro-organisms). • Measure accurately and calculate ratios of ingredients to scale up or down from a recipe. • Demonstrate a range of baking and cooking techniques. • Create and refine recipes, including ingredients, methods, cooking times and temperatures. To design, make, evaluate and improve: • Design with the user in mind, motivated by the service a product will offer (rather than simply for profit). • Make products through stages of prototypes, making continual refinements.

		Rule of law Individual liberty Mutual respect
Music	Charanga	Charanga Mutual respect
P.E	PE Syllabus	Invasion Games Democracy Rule of law Individual liberty
R.E	ESCC Agreed Syllabus	How do Muslims express their beliefs through practices? Tolerance
PSHE	PSHEe Syllabus	Say No to Bullying ~ Friendship Week Democracy Rule of law Individual liberty Mutual respect Tolerance
MFL	Mandarin Club French Club	Mutual respect

British Values	Democracy Rule of law Individual liberty Mutual respect Tolerance	Integrated with foundation subjects

Vocabulary, Punctuation and Grammar focus:	Apostrophes to mark plural possession (for example the girl's name, the girl's names) Indicating degrees of possibility using adverbs for example perhaps, surely) or modal verbs (for example might, should, will, must). Appropriate choice of pronoun within and across sentences to aid cohesion and avoid repetition. Use of the present perfect form of verbs instead of the simple past(for example, he has gone out to play, contrasted with, he went out to play) Verb prefixes (e.g. dis-, de-, mis-, over- and re-)
Spelling Focus	Progression in spelling follows Spelling Bank material and Support for Spelling to show weekly progression.
Linked Extended Writing:	Writing a diary entry from the perspective of the main protagonist Persuasive writing – a multimedia website about healthy living Christmas themed poetry.
Cross curricular Maths opportunities:	Percentages, measurements, units for healthy living. RDA's, ratios. Computing – logic and relative amounts.
Early Morning Maths Focus:	Times tables - 3's, 4's & 6's.
Target Writing:	Punctuation. First person writing, diary entries. Persuasive writing.