Autumn Term Curriculum Overview for Year 3 2016

ENGLISH	MATHEMATICS	PERSONAL SOCIAL HEALTH EDUCATION
- Alphabetical skills - Poetry appreciation – acrostic poems - Nouns – common, proper, collective - Adjectives - Verbs - Adverbs - Develop proof reading skills - Introduce SRA cards - Use of a Dictionary and Thesaurus - Introduce planning stories. - Creative writing including creative, report and instructional writing. - Comprehension work using inferred and literal questions. - Weekly spelling, phonic work and dictation. - During Quiet Study lessons Look and Read "Spywatch" will be read and then watched each week.	- Place value-Read and write numbers up to 1000 in words and numerals. Recognise place value of each digit in a three digit number. - Odd and Even numbers - Number Bonds- recognise number bonds to 10, 20 and 100. - Addition and subtraction- Add and subtract numbers mentally including three digit numbers. Use the formal written methods of columnar, partitioning and counting on to add and subtract up to three digit numbers. - Multiplication and division- Doubling and halving, recall multiplication and division facts. Write and calculate mathematical statements for two digit numbers times' one digit numbers. Grid method of multiplication. - Money-notation, counting coins, calculating total cost and change. - Money and real –life problems using multiplication and division. - Problem solving and practical problems- One step word problems investigating patterns in numbers and using all 4 number operations. - Continue to practise times tables and mental arithmetic work. - Weekly mental maths tests covering all the topics.	- School Values-honesty, enthusiasm, perseverance, respect, kindness, politeness, teamwork. - The School Code of Conduct (rules) - Learning Habits -Motivation, Empathy. - E safety. - Respecting oneself and respecting everyone is different. - What makes a good/bad friend - Personal Safety - Personal goals and continued self-reflection.

SCIENCE	HISTORY	GEOGRAPHY

MAGNETS AND MATERIALS
• Recognise key metal and non–metal groups
• Test materials for magnetism
• Investigate magnet strength
• Appreciate how to care for magnets and how magnetism is lost
• Attraction and repulsion of poles
• Create Magnetic Field Patterns
• Investigate materials which the magnetic force will and will not work through
• Make a magnet and a compass
FORCES
• Investigate what forces can do to a variety of objects
• Make rockets to see that forces are transferred and that forces work in opposite directions
• Make observational recordings of objects floating and sinking - Identify high and low floaters
• The forces and factors involved in the floating and sinking of objects
	• Introduce The Romans
	• The Growth of the Roman Empire
	• Invasion of Britain/Trade
	• The Roman Army and army life
	• Roman soldiers
	• Roman roads
	• Home life
	• Town life
	• Gods and Goddesses
	• Legacy of the Romans
	• Roman Numerals
	
	• The children either experience a trip to the Roman Baths in Bath or they experience life as a Roman through a practical Roman Workshop Day held at school.
	
	• During lessons and Q.S. children will design and make a Roman shield
		• World map: Continents and countries
		• The British Isles: Land, sea and countries
		• The British Isles: Rivers, hills and mountains
		• Using grid codes
		• Using the index and alphabetical order
		• European Union countries
		• World: Rivers, mountains, seas and Oceans
		LIFE SCIENCE
		• The Classification of Animals
		• What is a Vertebrate?
		• The five classes of Vertebrates
		• A detailed study of :
		   - Mammals
		     ○ Reptiles
		     ○ Birds
		     ○ Amphibians
		     ○ Fish
		
		• Independent research on an animal of their choice.

ART	FRENCH	ICT
• Peter Blake self-portrait analysis • Self-portrait in sketchpad • Large scale class portrait • Clowns (Folded shared pieces) • Mixed media A3 clown faces • Apples (Oil pastel /experimental drawing) • Clay leaves • Fabulous footwear MUSIC Instruments of the orchestra. Identify and participate in demonstrations of these instruments	• Greetings • Numbers 1-20 • Family • Colours • Identity card • Days of the week • Christmas	E-safety presentation and follow-up discussion. Microsoft Word: • Opening Word, saving a file • Organising files and folders • Formatting text (using the font and paragraph ribbons – font and font size, centre, bold, italics, lists using bullet points) • Practise 'Speed Typing' • Introduction to Scratch • Programming a sprite

Characteristics of Effective Learning

Engagement

- Finding out and exploring as individuals and groups
- Using what they know – transferring knowledge and experiences, be confident at selecting and using resources
- Willing to have a go and talk about and adapt work where necessary

Motivation

- Involved and concentrating – without distraction
- Persevering independently
- Enjoyment and pride in what they are doing

Thinking

- Having their own ideas and being independent learners
- Making links – predict events and link to previous experiences
- Choosing ways to do things - trial and error solving problems

Characteristics of Effective Learning underpin everything that we do in Year 3 and will be encouraged and developed throughout the year.