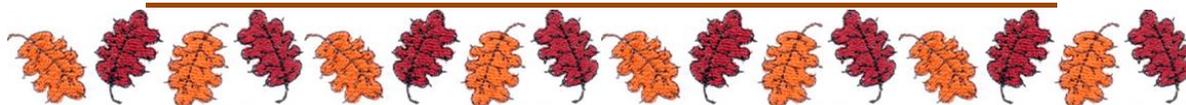# Year 5 Newsletter Autumn Term 2017

Message from Mrs Ford – Welcome to Year 5!

I am looking forward to a busy Autumn term with lots of interesting and exciting topics, which are outlined below. We are very fortunate to have Mrs Phipps as our teaching assistant to support the children in their learning. Mrs Ives will continue to teach French and Miss Zahra will be teaching the class netball and dance; we will also be starting our flute/clarinet lessons with Mrs Jarvis! Mrs Greenaway will be teaching the class on Wednesday.

LITERACY	SCIENCE	DT & ART	PE	RE
Fiction and poetry Suspense and Mystery Fiction from our literary heritage (Victorian authors) **Author focus:** Roald Dahl **Poetry** Victorian poet focus: Tennyson & Cinquain poems **Non-Fiction** Explanation text & biographical accounts	Forces Earth & Space	Victorian Artists Collage Victorian Toys Sewing Artist focus: Peter Thorpe	Netball Gym Dance Football	**Islam** The Five Pillars, the life of Muhammed and The Qur'an **Christianity** Christmas & Advent

	HISTORY	ICT	GEOGRAPHY	MUSIC
	British History A Victorian Childhood **Local History** Victorian Swanley	Modelling & Simulating Programming & control	Reading Maps Key cities of the UK and abroad	Flute & Clarinet Cyclic patterns – exploring rhythm

NUMERACY

- Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit
- Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000; including negative numbers.
- Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000
- Solve number problems and practical problems that involve all of the above
- Read Roman numerals to 1000 (M) and recognise years written in Roman numerals
- Add and subtract whole numbers with more than 4 digits, including mentally and using formal written methods (columnar addition and subtraction)
- Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.
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- Identify multiples and factors, including finding all factor pairs of a number, common factors of two numbers.
- Multiply numbers up to 4 digits by a one; or two-digit number using a formal written method, including long multiplication for two digit numbers
- Multiply and divide numbers mentally drawing upon known facts
- Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret reminders appropriately for the context
- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
- Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign
- Compare and order fractions whose denominators are all multiples of the same number
- Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
- Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number
- Add and subtract fractions with the same denominator and multiples of the same number
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- Convert between different units of metric measure
- Understand and use equivalences between metric units and common imperial units such as inches, pounds and pints
- Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
- Calculate and compare the area of rectangles and including using standard units, square centimetres (cm2) and square metres (m 2) and estimate the area of irregular shapes
- Identify 3D shapes including cubes and other cuboids, from 2D representations
- Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles

HOME LEARNING

There will be a spelling test and tables 'challenge' test once a week and children may also be set individual learning to meet their own needs. Home Learning Log tasks will be set every Friday for return by the following Thursday. Children are expected to complete the tasks each week to the best of their ability and return these on time; children who do not have their Learning Logs in school on Friday may be asked to complete them in the Duty Room as otherwise they will be unable to participate in further learning in class; children will also have the opportunity to share their Learning Log with a member of staff and peers. Parents are asked to hear their child read regularly and to record this in their Contact Book.

FURTHER INFORMATION

- If you have any concerns or wish to discuss any aspect of your child's day, please do not hesitate to write a note in your child's contact book or speak Mrs Ford at the end of the day.
- Please would you check all items of your child's clothing are labelled with their name.
- Please ensure that your child has their full PE kit, for both outdoor and indoor PE, in school every day, not just those normally scheduled for PE sessions.

Monday	Tuesday	Wednesday	Thursday	Friday
	* Spelling test	* Mrs Greenaway will be in class.	* Learning Logs due in. * PE	* Learning Logs set * Flute/clarinet lesson * PE * Tables Challenge