



LKS2 Curriculum Workshop

Wednesday 20th September 2023



Welcome!

Welcome to our LKS2 Curriculum Workshop and thank you very much for taking time to come and support your child's progress at school.

We will have time for questions at the end and all staff are happy to give more information if required.



Overview

Every week, we aim to teach:

- 5 English lessons (either text-led learning or independent writing)
- Guided reading sessions – with time for independent and 1-1 reading with an adult (some children will also use the Accelerated Reader scheme and use this time for online book quizzes)
- Regular weekly handwriting lessons (we use the PenPals scheme of work which you can look at online or on our website),
- Weekly grammar, spelling and punctuation lessons.
- 5 maths lessons, plus weekly arithmetic sessions.

In addition, our broad and balanced curriculum ensures equal coverage of the foundation subjects during our afternoon session.



Children ready to work.

- Attendance is key! Our government target is 95% but we would like all children to aim for 100% attendance.
- English (including RWI groups) is often taught as the first lesson of the day so coming to school on time is really important. Lessons start promptly at 9am and lost learning time has a negative impact on progress.
- Healthy diets make healthy minds – breakfast and packed lunches are essential for concentration in school. Please visit the government website <https://www.nhs.uk/change4life> for further information.
- Exercise aids concentration too – ask your child if they've done 'Smile for a Mile' this week.



How can you help?

- Read!!!!
- Talk about stories.
- Share stories.
- Sign their reading diary.
- Practise times tables and mental arithmetic regularly.
- Support with homework tasks.



Homework.

- Weekly homework tasks – TTRS, 5 times weekly reading challenge and Spellings.
- Spelling Shed is new for this academic year.
- Accelerated Reading – quizzes can be taken at any time, as soon as children have finished their books.



English



Key aims of our English curriculum:

- All children at Vernon Park Primary School should develop a love of reading that extends beyond school.
- Every child should read fluently with expression and understanding.
- Children are able to express themselves articulately and confidently, both orally and through their writing for a range of different purposes.
- Children develop a fluent, joined handwriting style and are able to write at speed and for a length of time.

Key aims of our English curriculum:

- We aim to deliver 5 English lessons, an additional Guided Reading lessons, regular handwriting lessons and a Grammar, punctuation and spelling lesson ever week.
- Children also have opportunities for writing, reading and drama in all lessons across the curriculum and standards in writing, reading and grammar remain a priority across the school.
- In English we cover many genres for our writing including fiction, non-fiction, poetry, journalism, reports, instructions, explanations and persuasive writing.
- We will also focus on drama, oracy and expression, debate, performance poetry, spelling, grammar, punctuation and handwriting.
- We aim to work collaboratively where possible and the children will have opportunities for shared group writing, writing with a partner and independent writing.



Handwriting

- We use the PenPals scheme (<https://www.cambridge.org/gb/education/penpals-handwriting>)
- Please help your child with their pencil grip and letter formation.



Reading

- Weekly library slots
- Book band reading books
- Comprehension activities
- Class Story
- 5 x a week read at home



Questions?



Maths



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Key aims of our maths curriculum:

- **Fluent recall of mental maths facts** e.g. times tables, number bonds. Etc.
- To **reason** mathematically – children need to be able to **explain** the mathematical concepts with number sense; they must explain **how** they got the answer and **why** they are correct.
- **Problem solving** – applying their skills to real-life contexts.



Multiplication Tables Check

- A formal test of multiplication skills takes place in the summer term of Year 4.
- The Multiplication Tables Check (MTC) was officially announced by the Department for Education (DfE) in September 2017.
- First administered for children in Year 4, rolling out from the summer term 2022.
- 25 questions, 6 seconds each
- 2s – 12s
- TTRS Sound Check

Addition

Addition in Lower KS2.

Partitioning

TO + TO, developing to HTO + TO or HTO + HTO

$$\begin{aligned} 67 + 24 &= (60 + 20) + (7 + 4) \\ &= 80 + 11 \\ &= 91 \end{aligned}$$

$$\begin{aligned} 168 + 47 &= (100 + 0) + (60 + 40) + (8 + 7) \\ &= 100 + 100 + 15 \\ &= 215 \end{aligned}$$

Column Method

$$\begin{array}{r} 356 + \\ \underline{567} \\ 423 \\ 11 \end{array}$$

Subtraction

Subtraction – Lower & Upper KS2

Column Method – Decomposition:

$$\begin{array}{r} 1 \\ 676 \\ - 39 \\ \hline 637 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 1237 \\ - 84 \\ \hline 1153 \\ \hline \end{array}$$

Children must keep being referred back to place value – it is 3 tens not just 3.

Multiplication

Grid Method:

$$43 \times 6$$

X	6
40	240
3	18
	258

This method links directly to the mental method of multiplication.

$$124 \times 32$$

X	30	2	
100	3000	200	3200
20	600	40	640
4	150	8	158
			3998

Multiplication continued

Multiplication – (Lower) & Upper KS2

Short Multiplication:

$$43 \times 6$$

$$\begin{array}{r} 43 \\ \underline{6 \times} \\ 258 \\ 1 \end{array}$$

This method is the next step on from the expanded method.

Once again children have to be secure with their place value and know they are carrying 'ten' not one.

Division

Division in Lower & Upper KS2.

Bus Stop

$$\begin{array}{r} 31 \\ 3 \overline{)93} \end{array}$$

$$\begin{array}{r} 23 \\ 4 \overline{)912} \end{array}$$

Dividing one digit at a time by the divisor on the outside of the 'Bus Stop'.

Answers are written above.

Key Instant Recall Facts

- **Times tables up to 12 x 12 and related division facts**
- **Square numbers**
- **Prime numbers**
- **Fraction, decimal and percentages equivalences**
- **Metric conversions**

$$\begin{array}{ccccccc} & & 6 \times 7 = 42 & & & & \\ & \swarrow & & \downarrow & \searrow & \searrow & \\ 7 \times 6 = 42 & & & 42 \div 7 = 6 & & 42 \div 7 = 6 & 4.2 \div 7 = 0.6 \end{array}$$



Good Practice in Mathematics

- **All children need to learn maths in a real life context. As well as knowing $7 \times 7 = 49$, children need to be able to do the following:**
 - **There are 7 fields, each field has 7 sheep in them. How many sheep are there in total?**
- **Children need to be able to explain how they have calculated or solved a problem.**
- **Mental methods are essential for supporting pupils' understanding of written calculations – e.g. word problems, reasoning and fluency.**

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How you can help at home

- **Practise times tables**
- Telling the time
- The ability to estimate
- To use maths in a real life contexts such as cooking or shopping
- Support and encouragement with TTRS



Useful Websites

www.mymaths.co.uk – great for teaching sequences.

www.sumdogg.com – tailored games for children

www.transom.org – national curriculum levelled maths activities

www.nrich.com – Cambridge University problem solving for KS1 and KS2

www.ixl.com – online sample questions for all maths teaching strands.

<https://www.topmarks.co.uk/maths-games/hit-the-button> - an interactive maths game with quick fire questions on number bonds, times tables, doubling and halving, multiples, division facts and square numbers.



Questions?

Foundation Subjects

- 2 hours of Science is taught on a weekly basis, with a different topic being covered each half term. Science is predominantly taught practically with experiments and investigations.
- History and Geography are linked to our termly topics and are studied half termly.
- Art, D&T, Music and Computing may be linked to our termly topics depending on the skills being taught.
- R.E. follows the Stockport Syllabus.
- P.E. is taught twice a week, including gymnastics, dance, games and other outdoor activities. Your child will swim for a term in Yr4 in Summer. Yr3 go swimming throughout the year.
- PSHE consists of weekly Monday morning circles and check outs on a Friday afternoon. There will also be individual lessons throughout the week, including RSHE sessions.
- Children will learn French throughout LKS2.

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Assessment at Vernon Park

- ✓ Termly tests in Reading, GPS and Maths are used to assess children's progress in line with the key objectives for their year group. Writing is assessed continuously throughout the year.
- ✓ *Flashbacks* retrieve previous learning and begin maths and English lessons.
- ✓ Used to inform future lesson planning.
- ✓ Show where they are up to in relation to year group objectives (below, emerging, met, exceeding).
- ✓ Gaps used to set children's targets.



Thank you for coming.