

MATHS on a Page – 2024/2025

Intent:

Our intent at Parkdale is that every child has a built in love for maths...to know they are good at maths and to know that it's OK to get things wrong.

By Year 6, we want the children to be using the most efficient methods to solve questions...and be able to explain why.

The Curriculum in Maths:

- Based on Core Values
- Based on a Mastery Approach developed by TRG meetings
- Based on the WhiteRose materials and supported by PowerMaths (Pearson)
- Based on our developed 6 part structure for maths - using the same format
- Arithmetic is the 7th part, sitting outside the maths lesson as another 15 minutes daily
- Recorded in books and on Showbie
- Supports Children's digital growth
- Variation/ fluency and Reasoning daily- THE CHALLENGES at 3 levels with reasoning at every level.
- Fun and pacy lessons- firing up a child's desire to be a mathematician.
- Thorough analysis of NTS and SATs tests through Standard and Pupil Progress Meetings.



Focus Actions for 24/25

1. A consistent approach to the teaching of and assessing of Times Tables
2. A review of arithmetic across all year
3. Incorporating active learning into Maths lessons

For focus actions of 2023/2024, see subject review.

What approaches to Teaching and Learning do we use?	What enrichment opportunities do we provide?
<ul style="list-style-type: none"> • A Mastery approach based on class maths (move away from ability groupings). • NCETM is used in Reception and Year 1. • Use of the maths 6/7 part structure daily. • Use of 15 minutes arithmetic daily. • Agreed structure headings: Arithmetic, Review, Anchor Task, Model, JOG YOUR MEMORY (STEM SENTENCE), Guided Practise and Challenges at 3 levels (including reasoning) • Use Of Powermaths to accompany WhiteRose Plans • TT Rockstars for x tables • MyMaths for home learning • Retrieval 	<ul style="list-style-type: none"> • TT ROCKSTARS • Times table badges - Bronze, Silver and Gold (under review for 2024/2025) • Star Assembly to reward the above and reward achievements in maths • Maths Booster Clubs at Year 6 • Homework activities • MyMaths at home • TO MAKE MATHS FUN/EXCITING...ALWAYS. • Celebrating times tables through TTRS Rockstars Day
<p>Adaptations to suit a range of needs, including those with SEND All children attempt challenge and reasoning 1 (as part of challenge at 3 levels) Work is adapted to the level that SEND children are working at Children are still exposed to the curriculum that is being covered within that year group Instant feedback and intervention, when required Guided practice is used as an assessment tool so early intervention can be implemented Use of videos as pre-teach and retrieval Peer to peer feedback Regular retrieval practice Access arrangements for SATS Use of digital to facilitate their learning – voice notes, screen recording Resources are tailored to the needs of the individual child Please note all this is delivered with a you can do it ethos and an IT IS OK TO GET THINGS WRONG ethos within our class maths lessons</p>	<p>Key Resources in school:</p> <ul style="list-style-type: none"> • Digital resources & iPads • School environment displays, including effective working walls • Power Maths (Pearson) • WhiteRose materials • MyMaths • TT ROCKSTARS • A wide range of manipulatives • Numicon approach <p>How do we evaluate the <u>impact</u> of Teaching and Learning?</p> <ul style="list-style-type: none"> • Instant Feedback • Pupil Voice • Book looks and learning walks • NTS test data- tracking data in-house and making comparisons with Trust Averages. • SATs data at Year 6 analysis • Subsequent pupil progress meetings and regular reminders of the KEY HEADLINES • RBA completed at the start of Reception year which forms the foundation for the maths learning

