

Subject Intent: Our maths teaching and learning at Sandfield is planned to be fun, engaging and interesting for all children. We want our children to become fluent in the fundamentals of mathematics, to reason mathematically in a range of situations and to develop skills in problem solving. It is our intention to use a range of concrete, pictorial and abstract methods of learning to show real-life maths.

Strengths

Whole school following the White Rose planning.
Teachers have freedom to adapt planning and approach to the needs of their children.
Apple TV interactivity gives instant modelled feedback and addresses misconceptions.

Reinforcement of pre-taught concepts for retention by -
Daily R&R maths sessions of 10-15 fluency M/A targeted questions.
KS1 – Daily fluency number sentences
Seesaw used extensively in KS2 to support learning.
TTRS used across KS2 in preparation for Y4 times table check
Numbots used across KS1 for number bonds and retention

Home learning, Parental Engagement + Enrichment

Seesaw use has revolutionised maths exposure and transparency to parents.
Home learning set in KS2 includes a maths problem solving element.
Partnership with RGS has led to enrichment with masterclass sessions, mentorship opportunities and clubs to promote problem-solving.
*Re-establish parent education and awareness sessions

Pupil Premium and SEND

All PP and SEND children identified in classes and given seat to support focus, grouping by class teachers.
TA/LSAs support specific children throughout whole class teaching and break-out groups.
Vulnerability lists and SEND plans in key locations and accessible for all adults as necessary

Monitoring, Observation and Validation

Drop ins
Book looks
Pupil voice meetings
Pupil Progress meetings
Autumn Term Data
Development and sharing of the children who are falling into the lowest 20% of the class, excluding those children with an EHCP

Areas for Development

KS1 embedding rekenrek as key component of their maths teaching
Continue the journey for working walls
Outdoor maths resources in KS1 and EYFS specifically.
Bringing 'cut-out' groups back into sharp focus when teaching lessons, especially for the bottom and top ends of the class.
Refresh calculation policy according to new WRM version 2
How to use iPads for inputs as well as for instant feedback.
*Re-establish parent education and awareness sessions

Professional Development Opportunities

Trust-wide subject leaders network meetings
ICT with Mr P CPD opportunities to develop maths alongside computing use.
Cross-phase buddying for CPD on apple tv and ipad use to give instant feedback and address misconceptions.
INSET sessions on interactive technology

Sandfield Primary School – Curriculum Intent At Sandfield, we strive to ensure that all children, whatever their background, starting point and life experience, develop a strong grasp of the key learning skills, attitudes and knowledge they need to make an excellent start to their primary education and beyond. Our curriculum is a curriculum for all learners. It is ambitious, broad and balanced, designed to stimulate a love of learning, through challenge, learning together and for all to achieve success. Our curriculum is delivered through carefully crafted experiences of enriching activities, which give children first-hand knowledge, key skills and the rich vocabulary they need to empower their future success.