



WOODSETTON SCHOOL.

Maths Curriculum Policy November 2023

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Ambitious, Inclusive, Meaningful.

Aims:

The Woodsetton School aims to provide pupils with an engaging Maths curriculum which equips them with the knowledge and skills to make expected progress or better, as well as the ability and confidence to apply these skills in everyday situations.

Approach:

The Maths curriculum is inclusive of all pupils and follows the 'Progression of Skills' document which clearly identifies next steps for all learners to build on their knowledge. The Woodsetton School has adopted the White Rose Maths Calculations Policy which supports the Concrete, Pictorial, Abstract (CPA) mastery approach to teaching and learning. This ensures consistency in delivery of Maths across the school and deepens and embeds pupils understanding so that they can move on to more advanced material.

Curriculum:

Woodsetton pupils receive a broad and balanced Maths curriculum tailored to meet their individual learning needs with appropriate support where necessary. Pupils are taught skills in a context that provides purpose and meaning, making mathematical experiences enjoyable, practical, relevant, and realistic. This helps pupils to develop a positive attitude towards Mathematics, and develop the ability to work independently, with confidence in their work. It also ensures pupils' independent learning skills and strategies are improved, which in turn will promote progress rates and the ability to apply concepts and knowledge in a range of contexts. Medium Term planning is shared with staff and covers Number and Place value, Addition and Subtraction, Multiplication and Division, Shape, Space and Measure and Using and Applying. Weekly planning is adapted depending on pupil progress. Maths lessons are timetabled across school and both Number (2 sessions taught consecutively) and SSM (1 session) are taught weekly to ensure skills are re-visited as is Using and Applying (1 session) to promote the application of these skills.

We have chosen the White Rose Maths calculations policy because it supports both the NCETM Maths Hub Mastery approach and fulfils the criteria set out in the National Curriculum '*Ready to Progress*' document. Numicon and other practical resources such as ten frames, bead strings, base ten rekenreks and place value counters are also widely used across school for the teaching of Maths.

Environment:

Each classroom at the Woodsetton should be rich in practical mathematical resources and Maths learning walls should be clearly visible. Where possible displays should be tactile, sensory and interactive. Displays should also use appropriate Maths vocabulary for the learners in the classroom and be updated regularly to reflect the area of Maths being taught.

Home Learning:

Home-school links are encouraged at Woodsetton to support the learning process where possible. This includes online access to Maths learning platform '*Math Seeds*' that provides personalised learning and activities. Pupils and parents have also been introduced to the White Rose '*1 minute Maths*' app that can also be accessed on devices at home and at school free of charge. We also provide parent workshops to help develop their own Maths skills and confidence along with support packs where appropriate. There is also a guide to how we teach and deliver Maths on our school website.

Assessment:

Teachers and support staff are expected to make continuous on-going assessment at the point of learning and regularly evidence and track pupil progress over time using the Evidence for Learning App, including the use of photographs and video where possible. Teachers should use this evidence to inform their summative assessment against AAT (Ascent Assessment Tracker) Maths statements. During our three assessment weeks over the year (October, February and May), our practical 'Basic Skills' Maths Assessment is used to identify gaps in pupil learning and support ongoing teaching. Lower-Level Learners also complete our practical 'Pre Basic Skills' which is again used to identify gaps in pupil learning and support ongoing teaching Maths Assessment. Where necessary, additional intervention and support is made for pupils identified as not making progress.

Accreditation:

The Woodsetton school fulfils its statutory requirement as a Special school including; end of key stage assessment/pre-key stage standards and Year 4 multiplication screening tests.

Monitoring:

Rigorous assurance monitoring procedures and checks (performed by SLT and Subject Leader) are in place to ensure quality teaching and learning in Maths. These include: learning walks, lesson observations, book trawls and pupil voice interviews.

CPD:

Continued Career Professional Development of Staff is promoted to develop staff expertise and understanding, particularly with the White Rose calculations policy and the CPA mastery approach. Internal and external CPD are encouraged as well as links with other schools who are following the same approach.

ICT:

Woodsetton recognises the importance of ICT as an engaging learning tool in Maths. '*Maths Seeds*' is a personalised learning intervention programme which builds and consolidates early Maths skills. For this learning platform, each pupil has their own unique personalised login details which can be accessed at school and at home and are proven to accelerate progress.

Cross Curricular Links:

Mathematics is an integral part of our daily lives and therefore manifests itself in many areas of the curriculum. Maths links will be made and embedded within other curriculum areas throughout EYFS-KS2.

Targets:

All pupils have personalised SMART Maths targets within their Individual Learning Plans. These are kept in a class folder and used to support planning and next steps for our learners. At the end of each review period, pupils are assessed and if targets have been achieved, new individual targets are set.

School Development Plan:

The School Development Plan will identify focus areas for the improvement of the teaching and learning in Mathematics, which will be implemented throughout the academic year.

Enrichment:

Every year the Woodsetton School celebrates World Maths Day, Number Day and National Numeracy Day.

Summary:

Woodsetton school aims to provide an enriched Maths curriculum within an engaging and vibrant environment, with structured resources, support and assessment as well as clear progression of skills and pathways for pupils to become independent learners applying their skills in a range of real-life, everyday situations and leaving Woodsetton life enhancing skills.