

MATHS AT HOME

- Children complete maths homework each week. This may be based on pre-learning for topics that are about to be taught or linked to the topics covered that week in school. Homework may be set in books or online.
- Children are encouraged to access all the websites used in school when at home. Log on details will be stuck in their Home/School Journal. Links to all these websites are on 'useful websites' page on our school website.
- Each class has a 'maths monkey' which is taken home on a rota basis. During their visit, the 'maths monkey' enjoys taking part in maths activities. These activities could include: completing homework with your child, practicing times tables, visiting places, cooking – wherever there are numbers around 'maths monkey' is happy!. A record of these activities is made in the class 'maths monkey' book which is shared with the rest of the class.

ONGOING ASSESSMENT

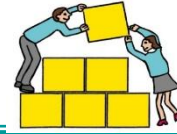
Pre-learning assessments may be completed to identify any potential gaps in understanding. Future lessons will include a focus on helping to fill any gaps and address misconceptions.

End of topic quizzes may be used to illustrate understanding and to identify any areas that will need to be revisited.

NFER assessments are completed at the end of every term. Question level analysis from these is used to inform future planning and to ensure any gaps are addressed.

Sprowston Junior School

MATHS



MATHS INTERVENTIONS

Maths interventions may take place in school time or after school. Ongoing assessment is used to ensure children who need support are identified and interventions are put in to place quickly.

Interventions used at our school include:

- Individual or small group work with a member of staff. This could include looking at topics covered in class that week or areas that have been identified as needing a little extra help. These may be one off sessions or part of an intervention plan.
- After school clubs are run by teachers. They provide children with opportunities to consolidate understanding and address any gaps.

BASELINE ASSESSMENTS

Baseline assessments are based around the previous year's learning and give an indication of any gaps in understanding which will inform future teaching and learning.

MIXED YEAR CLASSES

Children in mixed age classes are taught at an age-appropriate level. Year group sets may be used to allow children to develop key skills.

MATHS IN CLASS

Environment

- Each class is vocabulary rich – maths language is modelled by staff and used throughout lessons.
- Children have access to a maths box which includes resources that may help them during lessons. Boxes include items such as: number lines, times table squares, bead strings, number fans, dice and fraction walls.
- Whole class maths lessons take place every day.
- In addition to daily maths lessons, maths meetings are used to focus on fluency. Children have the opportunity to share ideas about different methods of finding solutions or solving problems.
- Maths clinics are used to address any misconceptions.
- Pre-learning interventions may be used to ensure children are more confident with new topics before they start.
- Interventions are used to supplement work completed in class – these may be in school time or after school.

Teaching of Maths

- We are an NCETM Teaching for Mastery school.
- Maths is planned using a blocking approach. Topics are grouped together to provide greater opportunities to consolidate learning and understanding.
- Key topics are repeated throughout the year to ensure key skills are embedded and that children have opportunities to consolidate their understanding.
- Subject specific vocabulary is taught and links are made across other curriculum subjects.
- A number of online resources are used to support learning. These include:
 - mymaths
 - Numbots
 - Prodigy
 - Stick & Split
 - TTRockstars