

"There is safety in numbers."

Duncombe Primary School Mathematics Policy

Aim

- Children's mathematical knowledge, understanding and skills should be constantly progressing through challenging teaching, experience and investigation.
- Children enjoy maths and are confident in their own abilities.
- Children are able to apply logical thinking skills to solve problems.

Teaching and Learning

- The maths curriculum is to be taught in line with the NNS renewed framework, following the '*review, teach, practise, apply and evaluate cycle*'.
- Daily maths lessons should vary in their approach, (using direct teaching, investigations, games) encouraging all children to gain enjoyment from maths.
- All pupils should be working at a level which challenges them and is appropriate to their needs (particularly EAL, SEN etc).
- Information Technology should be used, where appropriate, to enhance teaching.
- Weekly maths homework is used to reinforce work currently being taught in the classroom and offers parents the opportunity to assist their child.
- Additional adults in the classroom should be used to help individuals or small groups of children to achieve.

Assessment

- Children's knowledge, skills and concepts should be regularly monitored by the classroom teacher and recorded to provide individual records of achievement and progression throughout the year.
- Monitoring is done through observation, discussion, tests and marking of written work.
- The classroom teacher must regularly mark children's maths work according to the school's marking policy, supported by oral feedback where necessary.
- Optional QCA papers are taken in the summer term by Years 3, 4 and 5.
- SAT's are taken in Years 2 and 6.
- Results to these annual tests are analysed to pinpoint the strengths and weaknesses of each year group, key stage and school as a whole. The findings then feed into the mathematical focus for the following year.

Resources

- Every classroom has a basic provision of maths equipment to support teaching and learning and further resources are centrally available.

Additional Support

- Intervention groups are run during the year to enhance the learning of particular groups of children; for instance, Springboard, Year 6 Booster, Gifted & Talented sessions, 'minute maths' and teacher tutorials are provided.

Reviewed March 2007

Kirstie Morgan