

Organisation

Pupils have opportunities to work independently, in pairs and in large and small groups.

Teaching Methods

These methods are used at all levels-

- discussion between teacher and pupil(s) and pupils themselves
- teachers direct, instruct, demonstrate, explain, illustrate, question discuss, and consolidate
- teachers work with small groups/individuals

Activities

These include:

- consolidation and practice of fundamental skills and routines
- problem-solving, including the application of Maths to every- day situations
- daily mental tasks
- practical and investigational tasks

Tasks are differentiated according to ability.

Whole School Approach

A structured whole-school approach ensures progression in practical, mental and written tasks. Please refer to the School Calculation Policy.

Planning Cycle

Planning is carried out in 3 stages-

- Long term planning is based on the yearly teaching programmes set out in the National Curriculum
- Medium term planning is created for each half term based on the long-term plan. Teachers use 'First 4 Maths Academy' to inform these decisions and create a sequence of progressive and challenging lessons. Each objective as found in the National Curriculum is covered at least once by the end of the year.
- Short term planning is carried out weekly. These plans include learning objectives for the mental starter, fluency activity and reasoning session, resources, differentiation, key vocabulary and questions. Teachers are encouraged to use the plans produced by 'First 4 Maths Academy'. Plans are monitored by the SLT and the Maths co-ordinator.

Equal Opportunities and Inclusion

The school's Equal Opportunities policy applies to the teaching of Maths. Children are given learning opportunities that are matched to their needs and abilities. All children are taught Maths as part of a broad and balanced curriculum and they are given the opportunity to experience success and achieve as high a standard as possible.

Resources

Resources are stored in classrooms

- every class has some basic equipment appropriate to the age and ability range of the pupils
- some equipment is shared within key stages and is stored in a central location.
- some equipment is stored in each class.
- Equipment is regularly updated.

- The Internet can also be used to provide ideas on resources, planning and ICT activities.

Assessment

Informal:

Individual pupil achievements are monitored continuously through teachers' discussion with children, marking and observations. These can be recorded on DC Pro and Evidence Me, which allows teachers to make judgements as to whether a child fully understands a concept.

Formal:

- Foundation Stage – continuous use of Evidence Me
- End of unit assessments are completed, and results are recorded
- Formative assessment is completed regularly on DC Pro
- Each term children from Year 1 to 6 will complete an assessment task on their learning, which will enable a comparison to be made to national expectations
- Year 6 – Statutory National Tests.
- Year 4 – Multiplication Assessments

Analysis of attainment and progress (using data collected using both methods mentioned) will be used by staff to enhance learning.

Reporting

Information about performance and progress are reported to parents at parent's evenings and in the annual written report. Each term a progress update is sent to parents, which includes the assessment scores and professional judgment from DC Pro/Evidence Me.

Marking

Refer to the school Marking Policy.

Home Learning

Home learning is based on what is appropriate for the age and ability of the children. A variety of online platforms are used including My Maths and TT Rockstars.

Information for Parents

The Mathematics Long Term Plan and Calculation Policy is available on the school website. Each stage of the school also provides additional ideas of how parents can support learning, again these can be found on the school website.

Role of Co-ordinator

- to report developments in Maths teaching
- to prepare policy document
- to inform staff of in-service training
- to obtain equipment and maintain resources
- to liaise with key stages
- to observe teaching and monitor plans

Health and Safety

Health and safety regulations apply in Maths lessons as in all other subjects. Pupils are taught to use materials and equipment in a way that ensures the health and safety of themselves and others. Cheshire LEA Health and Safety documentation is adopted by this school.