

# MATHS AT GLYNWOOD

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At Glynwood Primary school the aim is to provide pupils with a wide range of engaging and challenging tasks and activities to promote thinking, reasoning and calculation skills in order to become fluent confident mathematicians. Lessons will have high expectations for all pupils and children will be encouraged to articulate their learning and demonstrate understanding. We will strive to maximise each child's potential and therefore enable our children to be ready for the rigours of the secondary school curriculum and to equip them with the skills and knowledge required in the wider world beyond.

## MATHS SCHEME

- Glynwood uses a scheme of work written by White Rose which ensures progression of skills.
- The maths scheme is a guide for teachers to use. Teachers follow the objectives and small steps of learning from each unit and teach the knowledge and skills required, but have the flexibility to adapt or change the lesson plans according to the needs of their children. This ensures progression of skills across the years.
- The scheme develops the children's fluency in number recall and facts as well as deepening their thinking skills through reasoning and problem-solving type activities.
- All children will be exposed to materials that aim to improve mastery through intelligent practise and reasoning and problem solving tasks which are an integral part of the scheme and help the teacher to have high expectations for all pupils.

## ASSESSMENT

- Maths assessments will be on an ongoing basis in terms of daily formative assessment strategies employed within lessons to determine where planning adjustments need to be made.
- Regular testing of number facts through activities like number of the day, Times Table rock stars and times table tests will also be part of regular weekly assessments.
- Year 6 pupils will carry out SATs assessments to give them a regular diet of SATs style questions in preparation for tests as well as providing key analysis of gaps in learning for the teacher.
- All staff from year 1 – 6 will carry out half termly assessments on the materials covered in lessons. Staff have access to Testbase and Abacus to help with these assessment periods.
- All staff will record pupils and their levels of attainment in their pupil record sheets termly and store these in resources area for the subject and assessment lead to monitor.
- Objectives will be stuck into workbooks for an informal record of how pupils are performing in key objectives within the subject.
- EY will continue to assess against their early learning goals and record these termly for analysis and evidence will also be recorded of daily practise using the Tapestry software.

## RESOURCES

- Teachers should have a store or access to classroom resources like 2 d and 3 d shapes, dienes, numicom, scales, trundle wheels, metre rulers, weights, unifix cubes, times table cards etc.
- All teachers from year Reception through to year 6 should have online resources from using the White Rose scheme and also additional textbooks by Abacus to support learning.
- All classes should have a maths area and certain key things on display linked to the current learning focus.
- All staff should use the agreed formal written methods of calculation which can be found in the calculation booklet in resources.