



West Byfleet Infant School

Recording and Reporting

Assessments are made in line with the school assessment policy.

Teachers use effective assessment for learning to ensure planning is based on prior attainment and that pupils know what they need to do to achieve the next steps. Group or individual targets are set accordingly. Marking is in line with the school marking and feedback policy. Analysis of assessment data is used to set targets. Children are involved in setting their own targets and are encouraged to review their progress towards these through self, peer and teacher assessment.

The teacher keeps records that enable them to deliver an effective, creative and relevant curriculum that builds on prior attainment and meets the needs of pupils.

Reporting to parents:

Parents are informed formally of children's progress at twice yearly Parents' Meetings and through the end of year report. Targets are also shared with parents at these meetings and can be accessed at any time in the children's books. Staff are always available for informal chats as and when they are thought to be appropriate.

Maths Policy 2016

At West Byfleet Infant School, we believe that Maths and developing problem solving skills are key to our world today. Through the Maths curriculum, we will help children develop the skills and knowledge that will enable them to problem solve, reason and equip them with the skills to become lifelong learners. We want children to enjoy maths and understand its importance in the world around them.

Aims:

We recognise that all children enter our school with a varying degree of mathematical understanding and knowledge depending on their prior experiences. We aim:

1. To promote an enjoyment of Mathematics for all children whatever their needs, talents or cultural background.
2. For all children to become independent Mathematicians who are confident and logical thinkers who understand the importance of Maths beyond the classroom.
3. To establish high expectations for teachers and pupils.
4. To promote continuity and coherence across the school.

At West Byfleet Infant School we aim to ensure that our children can..

- Become confident, creative and imaginative.
- Reach the highest standard possible and become independent .
- Work mentally with increasing confidence.
- Enjoy taking on challenges.
- Think logically.
- Solve problems, by becoming secure in a number of different methods and selecting the one that is most appropriate.
- Access resources to support their own learning.
- Discuss their methods both with adults and other children.
- Learn the facts and techniques that they will need to support their Maths through all stages of their education.
- Learn to work collaboratively listening to others.

Number

It is vital that all children become secure in number and therefore it is our policy to ensure this understanding is secure before moving on to more abstract maths. We teach place value by referring to the numbers as tens, and both ones and units to help the children become secure with these terms.

Problem Solving

This is an important aspect of Maths as it shows the children's deeper understanding and rightfully has become a main emphasis in the new National Curriculum (2014). We give children the opportunity to solve problems, both their own and ones posed by others. Children have free access to Maths resources and are able to self-select the resources that they believe best suit the task.

Reasoning

Children are encouraged to explain their answers. It is not just about getting the correct answer but is also about the process of getting to the answer. Children are often asked to 'Prove it'.

Teaching and Learning

At our school we believe in teaching to meet every child's needs. Success is vital, but so is challenge, therefore we aim to ensure children are actively engaged both practically and mentally.

Practical work

To promote a deeper understanding mathematical activities are introduced to the children through hands on practical experiences. All children have access to mathematical resources to help support their learning which we encourage them to select and use as they deem appropriate. This practical work is not always required to be recorded.

Mental Work

Fluency and confidence in number is highlighted in the new curriculum therefore all children are encouraged to develop mental methods of calculation, recall of number facts and mental imagery.

Oral work

Oral work is a major aspect of all activities, including discussion with peers, describing, explaining, clarifying ideas, predicting and reporting outcomes and asking questions, all of which promotes the development of mathematical language.

Recording

Children should not be encouraged to move too quickly to written work. In the early stages mental, oral and practical work will take precedence. As children develop their mathematical skills they are encouraged to record their work in a variety of ways, so that they can develop personal methods of recording, compare and discuss alternate methods and refine and practise useful methods. As children become more involved in problem solving activities the onus is on them to decide the most appropriate methods of recording.