



Lanivet School

Maths Statement

September 2019

At Lanivet School, pupils, teachers and teaching assistants are all very passionate about Maths and we have a history of achieving high standards in this subject.

We are involved in the 'Maths for Mastery' project and therefore follow a block curriculum using 'White Rose' as a guide: with the focus on 'small step' learning to ensure we have a deep understanding of our maths. This programme ensures that **all** pupils in the year group are taught together. This is achieved by teaching with a range of concrete materials such as 'base 10', place value counters, abacus, 10 frames and Numicon to support their understanding. Children are encouraged to select apparatus if they need it to support them in their learning. We also use a range of visual models such as the part-whole model, the bar model, place value charts and number lines to help children visualise, which allows them to solve problems and explain their answers. All classes have 'Maths Working Walls' to show their small-step journey and they can refer to it when they need to. Mathematical language is very important and this is displayed on the working wall as well as explanation stems to support pupils with their written and verbal explanations.

At Lanivet we understand the importance of arithmetic and the impact this has on all mathematical areas so all year groups do a daily fluency task to help the children progress and retain the necessary arithmetic skills. Within the lessons, we also ensure that we are addressing the three key aims of the National curriculum - fluency, reasoning and problem solving – therefore, in our work, all pupils are exposed to reasoning and problem solving challenges to allow them to show and explain their understanding at a deeper level.

We are fortunate to use the computer programmes 'Mathletics' and 'Times Table Rockstars' in our school. This has a positive impact on the children's learning at school and at home.

Through deepening children's understanding, we aim to continue with our school's love of maths and the amazing achievements for all pupils to ensure they all reach their full potential with a desire to succeed.