Maths

Purpose	Principles	Expectations
• To be numerically literate • To teach children everyday maths skills (real life maths) • To ensure mathematical fluency • For children to be able to use mathematical vocabulary • For children to be able to apply mathematic skills to a range of problems and contexts • Ensuring that children have an embedded understanding through using a spiral curriculum • Preparation for High School • Knowledge and understanding of the world • Teaches logic/systematic working • Creating solutions to solve problems • Links to Science • Influences everyone • Promoting curiosity – spotting rules and patterns, making links to real life • Maths is everywhere	• Reasoning • Investigations to apply skills • Theories • Applying what you have learnt to prove/disprove and explaining this • Interpreting/reading/using data to problem solve • Showing your working out • Selecting the best strategy/method to solve a problem and explaining why you have chosen it • Checking own work for mistakes • Working logically and using a neat layout • Reasoning and discussing • Persevering and having the confidence to apply different strategies (e.g. trial and error) • Making sensible estimations • Using mathematical vocabulary correctly • Using mathematical equipment • Effective use of concrete, pictorial and abstract resources	• Progression of skills and vocabulary • Making links/connections using prior knowledge gained through previous years and key stages • Using mathematical equipment • Development of mathematical language • Recording using mathematical measurements with increasing accuracy • Justifying reasoning and strategy selection using evidence • Making mistakes and learning from them • Asking questions and applying knowledge to a variety of contexts • Enquiring mind