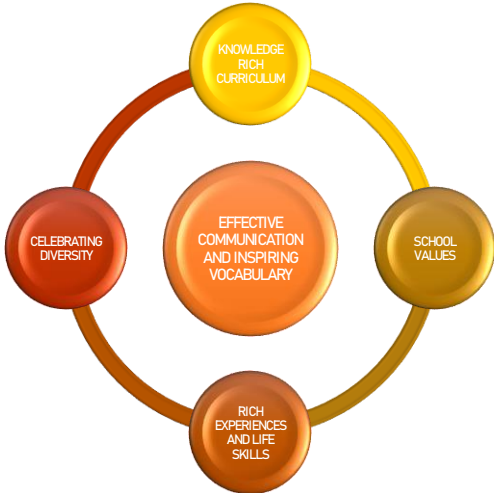


Intent: At Asmall, our mathematics curriculum provides children with rich experiences that prepare them for everyday life in the modern world. We aim to develop a sense of enjoyment and inquisitiveness within the subject of maths and ensure that children understand the purpose of the maths they do and the foundation it provides for understanding the world that they live in. Problem solving and reasoning lies at the heart of our maths curriculum, providing our children with the opportunities to develop into confident and fluent mathematicians.

Maths 	Effective Communication and Inspiring Vocabulary Our mathematics curriculum reflects the importance of spoken language. We recognise that oracy is a powerful tool for learning and teach our children to become effective speakers and listeners to empower them to better understand their maths and the place it has in the world around them. Throughout our maths curriculum, we create opportunities for the children to demonstrate and apply their oracy skills. Through regular opportunities to reason mathematically, children are able to coherently articulate their knowledge, skills and understanding. Children are often encouraged to present mathematical justification, argument or proof using mathematical language. We teach subject specific vocabulary for children to learn and apply during our maths topics and this is referred to throughout lessons. Reading is used throughout our maths curriculum.	Knowledge Rich Curriculum At Asmall, children are immersed in a knowledge rich maths curriculum. They use concrete objects, draw diagrams, make jottings and use abstract symbols to represent their understanding of the knowledge they have gained. Maths is a series of skills and concepts which are interconnected and seeing connections between these allows our children to build on previous knowledge and develop mathematical fluency. Our maths curriculum provides the children with solid foundations that allow them to reach the highest of aspirations, equipped with the knowledge and understanding to do so. It is well thought out, progressive and sequenced to enable our children to thrive as mathematicians.
School Values Our values of Resilience, Positivity, Caring, Kind, Happy, Respectful and Confident underpin our approach to maths. Our Values are referred to in maths lessons and assemblies to ensure teachers are developing our children's understanding of how these values can be lived out in our day to day lives. Our school is committed to using our values by ensuring children develop resilience when faced with challenging mathematical concepts and problems and that they approach their maths with positivity and confidence. We have developed a culture where mistakes form an important part of our learning experience. Our children learn to be respectful, kind and caring and support each other in their learning often embedding their own mathematical understanding through their discussions. At Asmall, we use the Lancashire Red Rose Maths Scheme, which is adapted for individual children and classes as needed.	Celebrating Diversity At Asmall, children's wellbeing, happiness and safety are our priority; therefore, teaching & learning is sensitive to individual needs and supports children's self-esteem through inclusivity. We recognise that female and disabled individuals, as well as individuals from BAME backgrounds, are under-represented in STEM education, training and employment and we strive to raise the profile of this in the science topics covered and around school. Our annual Maths Day includes mathematicians from all different backgrounds for the children to learn about. Our Spring term topic of 'Inspire Me' contains the study of a range of STEM figures, age appropriate. Our social impact assemblies and whole school events allow us to discuss relevant and important topics including LGBTQ+, Gender Equality.	Rich Experiences and Life skills Our broad curriculum allows children opportunities to become independent and responsible members of society. Our children experience daily maths lessons which provide them with skills and experiences that are essential to every day life. At Asmall, our maths curriculum aims to provide a foundation for understanding the world, equip children with the ability to problem solve and reason mathematically and develop a sense of enjoyment and curiosity around the subject. Through a carefully planned curriculum taught through daily lessons, assemblies and theme weeks/days, our children develop an understanding of maths and its place in the wider world as they move towards adult life, allowing them to develop their life skills as well as gaining rich experiences.