

Dimple Well CARES

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	<u>C</u>are	<u>A</u>im high	<u>R</u>espect	<u>E</u>njoy	<u>S</u>ucceed
					
<u>Vision</u> <u>Mathematics</u>	<p><u>Autonomy.</u> A child's journey through their mathematical learning is their own. As well as being taught mathematics in discrete lessons each child has their own right to continue to develop their knowledge and understanding beyond the confines of the classroom. They are free to explore concepts, through reasoning and explanation. As a consequence, this builds up their confidence, values their self-worth and their contribution to the whole school community.</p> <p><u>Mental Health</u> Mathematics is an integral part of daily life. There are many ways</p>	<p><u>High Expectations Nurtured</u> Excellent presentation is expected in Mathematics. Children are encouraged to have pride in their work and achievements.</p> <p><u>Inclusion</u> Provision is made in the teaching and learning of mathematics to ensure that all children including those with SEND have access to a rich and broad curriculum, with opportunities to show case their skills across a range of experiences.</p> <p><u>Perseverance</u> Children are continually reminded that progress is achieved through perseverance, for example, they are</p>	<p><u>Individual Expression</u> Children can take their experiences of the world and transform them, making new connections and relationships through their naturally inventive minds. As children gain more knowledge of their surroundings they are taught that respect forms a large part of our inner and outer worlds.</p> <p><u>Environmental</u> Mathematics activities facilitate the child's sensitivity to the world and allows children to explore, build on and record their own creative and emerging ideas.</p> <p><u>Independence</u> The children are encouraged to think for themselves and respect</p>	<p><u>Independence without barriers</u> All children can enjoy mathematics as they excite curiosity and this has a positive impact on their mental health. They will enjoy and make sense of the world through learning that gives them the opportunity to encounter, explore and engage through speaking, listening, watching, thinking and doing. Choosing their own resources nurtures children's independence.</p> <p><u>Relationships</u> Problem solving tasks allow children to talk about their work their friends and work together to solve it. They can sit in non -</p>	<p><u>Celebrate</u> Displays of children's work around school. Good Work Certificates throughout the year. Twitter photos sharing with parents and parents posting videos Opportunities for children to participate in whole school initiatives enables them to develop resilience, team building skills and self-confidence.</p> <p><u>Future Success</u> By providing many opportunities to children in mathematics is helping to prepare them for a life and career in a world full of mathematical concepts and phenomena.</p>

<p>children can explore mathematics beyond the confines of a structured lesson. Children are given plentiful opportunities to apply their knowledge which develops their confidence and promotes a positive 'can do attitude'.</p> <p><u>Physical Health</u> Working outdoors enables children to connect with the natural world. The outside world is a place where children can feel energised and stimulated by their environment.</p> <p><u>Care for Self and Others</u> Lots of opportunity is given for children to share ideas with each other. Being sensitive to others' feelings when evaluating their work. Children give each other suggestions and encourage each other when their friends find something difficult.</p>	<p>encouraged to not give in if they find something tricky and to check their work for errors.</p>	<p>their own individuality. Opportunities are provided so children can explore and use their mathematical knowledge in lots of different ways, for example, playing and making games and applying their understanding of pattern and sequence in dance or gymnastics etc.</p> <p><u>Evaluations</u> Our children offer constructive advice about each other's creations or say what they like about each other's work. Teachers ensure that Art displays show off children's work at its best.</p> <p><u>Culture</u> As a school we show respect to and celebrate mathematics by taking part in a range of different activities such as Junior STEM, the big Build, HSBC Money Heroes and World Maths Day.</p>	<p>differentiated groups so to explore relationships with other children. Teachers can also see different sides/skills that children may not display in structured lessons and there are opportunities for relaxed teacher pupil relationships.</p> <p><u>Experiential learning</u> Children enjoy tactile learning through doing and playing. Wherever possible children are given resources they can touch and manipulate.</p> <p>In Nursery and EYFS children have continuous opportunities to develop their own ideas through well planned and resourced continuous provision.</p>	
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