

## Exploring 3D shapes: Lower 4's mathematical adventures



In a recent collaborative mathematics lesson, some of our Lower 4 pupils embarked on an exciting journey into the realm of 3D shapes. They were fully engaged in hands-on activities that brought geometry to life, such as drawing various 3D shapes using isometric paper and sketching plans and elevations, providing them with a comprehensive understanding of geometric structures.

The highlight of the lesson was the remarkable construction of a model campsite using nets of common 3D shapes in a record time of 15 minutes! This immersive activity not only solidified their understanding of mathematical concepts but also sparked creativity. Beyond the immediate benefits of mathematical knowledge, these activities aim to cultivate collaborative work, critical thinking, problem-solving, and spatial reasoning skills crucial for various future careers, from architecture to design and engineering. As our Lower 4 pupils continue to explore the fascinating world of mathematics, they gain insights into geometric principles while laying the foundation for numerous future academic and professional opportunities. I firmly believe that the journey into 3D shapes is just the beginning of their mathematical adventures!

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