

Max’s Mathematical Cube Challenge: A Year 5 Word Mat

Learning objective: To understand, identify, and calculate cube numbers up to 10^3 and their relationship to three-dimensional volume.

Key Vocabulary

Max the monkey has organised his mathematical terms into categories to help you solve his geometric puzzles. Use this guide to master the properties of cube numbers.

Max says that 3 c...	Compare and con...	If a cube has a si...
Justify your ans... Is 64 a cube number? P...	What might happ...	Identify the next ... 1, 8, 27, 64, ____, ____.